and together Bulletin

UNION UNIVERSITY

JACKSON, TENNESSEE



Catalogue 1938-1939

Announcements
1939-1940



BULLETIN OF UNION UNIVERSITY JACKSON, TENNESSEE ONE HUNDRED-SIXTH YEAR

FOREWORD

Inion's purpose is to train young men and women for life in an environment that makes for both high scholarship and Christian character. For more than one hundred years the college has been sending its graduates out to assume places of leadership in all fields of service. Attendance at Union is a privilege, and this privilege may be forfeited by any student who does not conform to its traditions and regulations, or who is not willing to adjust

himself to its environment

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CALENDAR 1939-1940

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
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	25 26 27 28 29	28 29 30	23 24 25 26 27 28 29
	1		30

UNIVERSITY CALENDAR

September 11 and 12, Monday and Tuesday Matriculation
September 13, WednesdayFormal Opening
October 23, Monday
November 23 and 24, Thursday and Friday Thanksgiving Holidays
December 4, Monday
December 21 to January 2 inclusiveChristmas Holidays
January 29, Monday
March 13, WednesdaySpring Quarter begins
April 22, Monday
Sunday, May 26 (Morning)Baccalaureate Sermon
Sunday, May 26 (Evening)J. R. Graves Annual Sermon
Monday, May 27—
10:00 A. MAnnual Meeting of Board of Trustees
10:00 A. MStrickland Medal Contest
2:30 P. M
8:00 P. M
Tuesday, May 28 (10:00 A. M.)Graduation Exercises
Thursday, Friday, May 30 and 31Final Examinations
Monday, June 3Summer School will begin and continue for six weeks

BOARD OF TRUSTEES

BUARD OF TRUSTEES
D. A. Ellis, '02, President
Term of Office Expires 1940
FLEETWOOD BALL, Pastor. Lexington, Tenn. C. O. SIMPSON, Pastor. Trenton, Tenn. H. C. SANDERS, Physician Selmer, Tenn. S. R. WOODSON, Pastor. Humboldt, Tenn. H. W. Ellis, Pastor. Greenbrier, Tenn. HOMER H. WALDROP, Lawyer Jackson, Tenn. D. C. Warren, Banker Halls, Tenn. R. E. Guy, Pastor Jackson, Tenn. H. J. Huey, Pastor Milan, Tenn.
Term of Office Expires 1941
J. Carl McCoy, Pastor. Memphis, Tenn. W. F. Powell, Pastor. Nashville, Tenn. H. P. Naylor, Farmer Union City, Tenn. Eugene Woods, Capitalist. Millington, Tenn. W. G. Robinson, Educator Selmer, Tenn. R. J. Bateman, Pastor. Memphis, Tenn. A. M. Vollmer, Pastor. Dyersburg, Tenn. V. E. Boston, Pastor. Memphis, Tenn.
Term of Office Expires 1942
J. L. Crook, M. D., Surgeon. Jackson, Tenn. D. A. Ellis, Pastor. Memphis, Tenn. W. W. Jones, Banker. Martin, Tenn. A. V. Patton, Insurance. Jackson, Tenn. E. A. Harrold, Merchant. Millington, Tenn. Nestor James, Banker. Gibson, Tenn. P. L. Ramsey, Pastor. Covington, Tenn. R. L. Sanders, M. D., Surgeon Memphis, Tenn. I. B. Tigrett, R. R. President Jackson, Tenn. G. T. Webb, Cotton Factor. Memphis, Tenn.

OFFICERS OF ADMINISTRATION

JOHN JETER HURT, 564 E. Main
LL. D., Georgetown College, 1932
Samuel Stegall Sargent, 109 Camden
MISS HAZEL H. ELLIS, 310 N. Hays
FRANK M. BLYTHE, 590 E. CollegeBusiness Manager B. S., University of Oklahoma, 1926
Mrs. Emma Waters Summar, 118 N. HaysLibrarian
Mrs. DEE E. RICE, Lovelace HallDean of Women A. B., Quachita College, 1907 B. S., Union University, 1936

FACULTY OF INSTRUCTION

A. Warren Prince, Poplar Corner RoadChemistry A. B., William Jewell College, 1904 A. M., William Jewell College, 1905 Additional graduate work, The University of Chicago D. Sc., Union University, 1933
L. DeWitt Rutledge, 344 Hays AveSocial Sciences A. B., Valparaiso University, 1914 A. M., Union University, 1917 A. M., George Peabody College, 1923 Seventy-two and one-half additional hours of graduate work, George Peabody College
Mrs. Mabel Whitson Hardin, Lovelace HallEnglish A. B., Union University, 1921 A. M., University of Tennessee, 1923 Additional graduate work, George Peabody College
MISS ONNIE SKINNER, 150 Crescent
Mrs. L. D. Rutledge, 344 Hays Ave German, History B. S., Union University, 1927 A. M., George Peabody College, 1932
Mrs. Dee E. Rice, Lovelace Hall
Louis Brown Matthews, 606 E. MainReligion A. B., Mercer University, 1922 A. M., Mercer University, 1923 B. D., Newton Theological Institution, 1925 Ph. D., The University of Chicago, 1933
WILLIAM RUSSELL REED, Adams HallSociology A. B., Union University, 1925 A. M., Colgate University, 1927
REID DAVIS, Adams Hall

FRANK L. Wells, 604 E. College
CLYDE H. FARNSWORTH, 561 E. LafayetteCommerce B. S., East Tennessee State Teachers' College, 1928 A. B., Union University, 1934 A. M., The Ohio State University, 1937 Additional graduate work, The Ohio State University
JASPER N. MALLORY, 216 Institute
MISS SUELLA SUSONG, Lovelace Hall Home Economics B. S., University of Tennessee, 1926 M. S., University of Tennessee, 1931
CARROLL L. PELL
O. OLIN GREEN, 110 Camden
Mrs. J. N. Mallory, 216 Institute
Fred Dellay, Adams Hall
WILBURN JEAN, Adams Hall
Frank M. Blythe, 590 College
HARRIET HELEN BLYTHE, 590 CollegeCommerce B. A., University of Oklahoma, 1939
WILMA LONG, 310 N. Hays

HAZEL GREEN MEEKS, 511 Division Public School Music B. M., Union University, 1932
Mrs. A. Warren Prince, Poplar Corner Road Piano and Theory B. M., The Kindig School of Music. Studied with D. S. DeLisle, St. Louis University; Heniot Levy, American Conservatory; Maurice Aranson, Chicago Musical College; Arthur Davis, Birmingham, England; Tobias Matthar, London, England.
Mrs. E. E. Taliaferro, 119 Allen AveVoice Culture Studied with Augusto Rotoli, Boston; New England Conservatory; Max Heinrich, New York; Lieder; Adams Owen, Denver; Amy Dixon Young, New York; Dr. Holbrook, New York; Walter Golde, New York.
Mrs. Elizabeth Loyd, 100 University Ave
Hostesses and Secretaries
Mrs. Rena Sublette, Adams HallDining Hall
MISS LOUISE SUBLETTE, Adams Hall
Mrs. D. W. Luckey
Miss Hazel H. Ellis, 310 N. Hays, Secretary to President A. B., Union University, 1932
MISS MABEL TERRY SARGENT, 109 Camden Secretary to Dean
A. B., Union University, 1935

UNION UNIVERSITY

Historical Sketch

UNION UNIVERSITY is the descendant and heir to two earlier institutions—West Tennessee College at Jackson and Union University at Murfreesboro.

West Tennessee College was established in Jackson as an academy in 1834, when Jackson was only a village twelve years old. Most of the early history of the college is lost. It is not definitely known what year the school became a college, but a catalogue has been discovered bearing the name West Tennessee College and printed in 1844. This catalogue gives the faculty and students of the previous year, showing three classes, Freshman, Sophomore and Junior. The college really had its beginning in the provision of the North Carolina compact in ceding Tennessee to the United States government to be made into a new state. It was provided that there should be two colleges established, one each in East and West Tennessee, and certain public lands were set apart to that end. In 1846 an act of Congress was passed extinguishing the title to unappropriated lands south and west of the congressional reservation line, and the \$40,000 arising from the sale of these lands was set apart as an endowment fund for West Tennessee College, located in Jackson.

The college was chartered in 1846 by an act of Congress signed by James K. Polk as President of the United States. Hon. Milton Brown represented this district at the time, and Andrew Johnson and Jefferson Davis were members of the Congress that passed the enabling act. The charter was also granted upon the authority of an act of the Tennessee Legislature at which time Aaron Brown was Governor. Hon. Harvey Watterson, father of Col. Henry Watterson, president of the Tennessee State Senate, signed the enabling act. It is rare, indeed, if not without parallel, that an institution of learning should have had as its godfathers a President of the United States, an American Congress, a State Governor and State Legislature, and as afterwards happened, a State Baptist Convention.

Rev. S. M. McKinney, A. M., was first president. Little is known of the details of the development of the college

prior to the Civil War. At the close of the war Dr. William Shelton was elected president, and under his administration the institution grew rapidly until it was consolidated with Union University in 1875, when the property and endowment were estimated at \$90,000.

In the year 1845 the Baptist General Assembly of Tennessee, resolved to establish and endow a college known subsequently as Union University. The sum of \$65,000 was raised, and the institution was located at Murfreesboro. The Reverend Dr. Joseph H. Eaton was the first president, and held this position until his death in January, 1859. During the years from 1861 to 1866, inclusive, the college was suspended on account of the Civil War. The building was greatly damaged, the library and apparatus were destroyed, and the endowment was wholly lost.

The college was reopened in 1866 and continued until 1873, when an epidemic of cholera and other causes led to a suspension of all work. On the 10th day of April, 1874, a convention was called at Murfreesboro to consider the question of re-establishing a college for the entire State, and a committee was appointed to locate it. Among the various propositions presented, Jackson was selected as the best site.

On August 12, 1874, the Tennessee Baptist Convention, then in session at Trezevant, appointed a Board of Trustees consisting of thirty-five members. The institution was rechartered by the State on June 25, 1875, under the name of the Southwestern Baptist University.

On August 5, 1890, the campus, known prior to 1875, as West Tennessee College, was deeded. During this year, Colonel J. W. Rosamon was chosen as financial agent, and in six months he had secured about \$30,000 in bonds. During the year 1890 Miss Willie Edwards of Shelbyville, Tennessee, made a gift to the endowment fund amounting to \$3,310. In November of that year the American Baptist Education Society set aside \$12,700, \$2,700 of which was to be applied to the payment of the agent's salary to June 20, 1892. The remaining \$10,000 was a gift conditioned on the raising of \$40,000 additional to the \$30,000 in individual bonds raised by Col. J. W. Rosamon, as stated above. The same percentage of the \$10,000 was paid out of the \$70,000 in individual promises collected in 1897. In 1897 a move-

ment to endow the Chair of Logic and Moral Philosophy, in honor of J. R. Graves, resulted in raising \$10,000. Dr. H. C. Irby was secretary of the movement.

Through the liberality of Mr. W. T. Adams, of Corinth, Mississippi, a dormitory for young men was erected in 1895, and in 1896 this building was enlarged by the addition of a three-story front. In 1897 a dormitory for young women was erected, which, in consequence of a gift from Mr. J. R. Lovelace of Martin, Tennessee, was named in honor of his son, Everett, "Lovelace Hall." Both of these buildings are located on the college campus.

A new chapel was completed in 1899, and, in honor of Dr. W. D. Powell, was named "Powell Chapel." In 1901-2 the Perry Estate became the property of the University. With this the Perry School of Biblical Instruction was established in memory of Benjamin W. Perry, who gave his estate, amounting to \$12,000, requesting it to be used especially in the education of young ministers. In the spring of 1905 Dr. H. C. Irby gave the University, under conditions accepted by the trustees, \$18,000 which, with \$7,000 already given, made his gifts amount to \$25,000.

In May, 1905, the General Education Society offered the trustees \$25,000 on permanent endowment, if the friends of the institution would promptly raise \$75,000. The effort securing this offer in 1906 was successful under the leadership of President Hale.

At a meeting of the Board of Trustees, September 17, 1907, the name of the University was changed from Southwestern Baptist University to Union University, the name given in its organization in 1845.

On January 20, 1912, the chapel and main building of the institution were entirely destroyed by fire. Much of the apparatus and the entire library were saved. The loss was partly covered by insurance. A movement to raise funds was begun at once, the present administration building being the result. On account of liberal gifts of Colonel O. C. Barton, Paris, Tennessee, this building was named in his honor, "Barton Hall."

In January, 1920, a campaign was launched by the Baptists of Tennessee for \$100,000 for Union University. Most of it was subscribed and a part of it paid in cash, when the

larger movement, The Seventy-five Million Campaign of Southern Baptists, was launched. Union University's share of this fund was \$200,000.

In May, 1922, the citizens of Jackson contributed \$25,000 to an enlargement fund that resulted in the erection of the Joseph A. Crook Hall, the Gymnasium, and the Dining Hall. The total cost of these buildings was about \$60,000.

In the fall of 1925 the board of trustees deeded all the property of the University to the Tennessee Baptist Convention, and secured a new charter which vested all rights and authority in the convention, which appoints all of the trustees.

In 1927 the Hall-Moody Junior College was consolidated with Union University, its property was sold for its debts, and its records transferred to Union University.

In 1928 a campaign was launched for funds to liquidate indebtedness and to increase endowment. This resulted in raising approximately \$270,000 in cash and pledges.

Union University has had the following presidents (No record of the presidents of West Tennessee College):

Joseph A. Eaton, who guided the initial stages from the early forties until the formal opening of the college, January, 1848; from then he was president until his death, January 12, 1859; J. M. Pendleton, 1859-61; G. W. Jarman, 1865-71; Charles Manley, 1871-72; G. W. Jarman, 1872-90; G. M. Savage from 1890 to 1904; P. T. Hale, 1904-06; G. M. Savage, 1906-07; J. W. Conger, 1907-09; I. B. Tigrett, 1909-11; R. A. Kimbrough, 1911-13; R. M. Inlow was elected June, 1913, but resigned soon after opening of fall term; A. T. Barrett, 1913-15; G. M. Savage, 1915-18; H. E. Watters, 1918-1931; A. W. Prince (Acting President), 1931-32; John Jeter Hurt, 1932—

GENERAL INFORMATION

The City of Jackson

UNIVERSITY is located in Jackson, Tennessee, almost midway between Mobile and St. Louis on the Gulf, Mobile and Ohio Railroad; between Chicago and New Orleans, on the Illinois Central Railroad; between Memphis and Nashville, and Paducah and Memphis on the Nashville, Chattanooga and St. Louis Railroad. In addition to the railroad facilities, Jackson is now the center of nearly as many Bus routes, and fine highways radiate out in every direction.

Jackson is a progressive city of thirty thousand inhabitants, distinguished for hospitality and beautiful residences. Though industries abound and prosper, it is peculiarly a city of homes and flowers, a place of culture and refinement, alike attractive to the resident, the visitor, and the student. Many families have moved here primarily for superior educational advantages.

Buildings and Equipment

The following statement as to the value of the University property is taken from the auditor's report:

Buildings, Grounds and Equipment..\$ 694,530.04 Endowment, Current Assets and Endowment Notes 387,143.36

Total\$1,081,673.40

The Tennessee Baptist Convention appropriates money each year to the college for current expenses, equipment and indebtedness, and other funds received bring the total up to \$24,000 which is equivalent to the income from an additional endowment of \$500,000.

Campus

The campus of the University, containing fifteen acres, is located in the eastern part of the city within four blocks of the business district. On it are situated the nine buildings of the University. Thousands of dollars have been spent in beautifying the campus.

Buildings

Before any student will be allowed to move into any room in the halls, he will be required to see the Bursar, choose his room, make satisfactory settlement, and receive his room ticket, which he will show to the proper person at the hall. For this ticket he will pay the price of the room rent for the term. The charge is so small that there will be no refund for time out.

Adams Hall

On August 13, 1918, the front part of Adams Hall was destroyed by fire, but was rebuilt, and made better and more modern than before. Students will furnish their own linens, pillows, covering, etc.

Everette Lovelace Hall

The dormitory for young women is a splendid three-story building. In this hall rooms are provided, at a minimum cost, for sixty young women. Young women should bring with them linens, pillows, covering, etc. Only two students occupy a room.

Joseph A. Crook Hall

The Joseph A. Crook Hall, the young women's home on the south campus, was erected in memory of the late Dr. J. A. Crook, who was a member of the Board of Trustees for forty years, was secretary most of the time, and was one of the most loyal supporters the college ever had. This accommodates sixty young ladies.

Dining Hall

This hall accommodates 250 students.

Barton Hall

This is the Administration building, and contains the administrative offices, recitation rooms, the chapel, the library, the book store and post office, the fraternity rooms, and the tea rooms.

Home Management House

This building is of Dutch Colonial design, with four bed rooms, a sleeping porch, sitting room, sunroom, dining room.

kitchen, breakfast room, and two bath rooms. It was designed by the Home Economics Department under the leadership of Mrs. Grace Hudson.

Library and Reading Room

In the Administration building the Library and Reading Room is furnished splendid quarters. There are about sixteen thousand volumes, besides pamphlets, including the T. T. Eaton bequest. The Reading Room contains the leading magazines, religious periodicals and daily papers. The Jackson Free Public Library is within four blocks of the University, on College Street, and our students have free access to it.

Athletic Field

During the session of 1937-1938 Union deeded to the City of Jackson its football field, on condition that the city erect thereon a modern stadium and allow the University the use of it for all of its football games. There has been erected a stadium at a cost of \$40,000, which is one of the most complete to be found anywhere in the South. This stadium is just across the street from Union's campus. There are seating accommodations for 5,000 people in concrete stands, a modern cinder track circles the grounds, the field has been graded to perfection, and is covered with a beautiful stand of grass.

Gymnasium

The Gymnasium is an excellent building. It contains a splendid basketball court, used only for practice and for physical education classes. The barracks for athletes is also in this building.

The Power House

This building, situated on the east side of the campus. furnishes heat for all the buildings except Lovelace Hall and the Home Demonstration buildings, which have heating plants of their own.

Reserving Rooms

Anyone who wishes to reserve a room in either of the halls for the coming school year may do so by seeing the Bursar in person or by writing to him, making a deposit of

\$5.00, which will be placed on the room ticket. This deposit will be credited on the student's first bill.

Note: Room Reservation fees are not refunded. The reason is obvious and patrons will please not embarrass us by asking for exceptions.

Fundamental Regulations

First. Absentees from classes will be expected to make up each recitation with a coach or an assistant in that department.

Second. Students are not permitted to give entertainments during the college session, either on the campus or in the name of the school or any department or any organization of it in the city, without consent of the President or faculty committee.

Third. Students whose college standing is unsatisfactory are forbidden to appear in any university function of a public nature. This applies to athletic as well as to literary celebrations and to oratorical contests.

Fourth. Except by special faculty consent, students must attempt to take not more than seventeen hours a quarter. Only in very exceptional cases will consent be granted for one additional hour. Students working for part of their expenses must take proportionately less school work.

Fifth. No clubs, fraternities or societies may be formed unless the faculty, on application, approves the design of such organization, the rules by which it proposes to be governed, and the hours of the meeting. The faculty reserves the right to limit or to disband any such organizations.

Sixth. The following classes of students are eligible to membership in any fraternity or sorority:

- (a) All college students, excepting freshmen, and those who are conditioned in more than one subject required for entrance, and those who have not passed all their work for the quarter preceding initiation.
- (b) Any special student above freshman rank, who is carrying at least twelve hours of college work, and who has passed all his work of the quarter preceding initiation.
- (c) Faculty approval for initiation will be conditioned upon *grades* as well as hours credit.

(d) In order for a student to be eligible for initiation, his number of quality credits must equal the number of hours attained, for any above minimum sophomore standing.

(e) The minimum will be SOPHOMORE STAND-

ING, which is 36 hours, and 36 quality credits.

Note: (1) Fraternities and sororities must have faculty consent to initiate any student.

Note: (2) All freshmen must have been in residence two weeks before being promised or pledged to any fraternity. All fraternities must observe this rule literally and rigidly.

Note: (3) The membership of each fraternity is limited to 35.

Seventh. No student will be allowed to deliver the same oration in more than one contest. This does not apply to inter-collegiate contests.

Eighth. Students must be quiet and orderly in their boarding houses, and thoughtful of the rights of others. Going to town during study hours or at night is disorderly and is therefore forbidden. Occasions may arise which justify a seeming violation of this rule. Young men are put on their honor, but subject themselves to being called to acount for being out of room or being seen in town enough to arouse suspicion in the minds of friends.

Ninth. While the faculty cannot assume full responsibility for boarding students not on the campus, it reserves the right to make such regulations at any time as may seem advisable, and the violations of the regulations on the part of a student will deprive him of the privileges of the school.

Tenth. The faculty will deal with all of the student organizations in the matter of discipline as with individuals, viz: assess demerits which shall carry a stated punishment. These shall be cumulative through the year.

Discipline in the Halls

A breakage deposit is required of every student. This deposit will be returned at the close of the year less any claim for damage.

All students on entering any of the halls, voluntarily and

tacitly agree to obey all rules of conduct and deportment that govern the halls.

Adams Hall has Student Government under the direction of the superintendent of the hall.

Note: It sometimes happens that a student's presence in a hall is inimical to the best interests of the hall, and yet specific charges are difficult or embarrassing to make. Sometimes it is an accumulation of minor things which, taken separately, appear trivial. Sometimes the charges may be too serious to be openly preferred. In all such cases the interests of the hall as a home and sometimes of the individual himself, demand that he change boarding places. Therefore, the school in assigning rooms hereby explicitly reserves the right to cancel the reservation either before or while the student occupies the room without preferring any specific charge whatever. Only in such cases is room rent ever refunded. Students may petition for one's removal without stating charges, or of having their names known to any except the President and the hall superintendent interested.

Religious Life

On another page we mention the emphasis placed upon the training of the body. It is not necessary to mention the emphasis upon the training of the mind. But we would emphasize the fact that we are anxious not to neglect the training of the spirit, the cultivation and development of the moral and religious nature. In chapel exercises, in class rooms, in every relation where the occasion arises, something is said or done to remind the student that, after all, the religious life is best; that the Bible is true, and that life is only worth living which is ordered according to its precepts.

There are several religious organizations among the students:

First. The J. R. Graves Society, exclusively for young ministers, which meets every Friday afternoon for discussion of religious topics. This society has made a wonderful contribution to the religious development of the South.

Second. The B. S. U. (Baptist Student Union) Council, which has general supervision of the religious activities of the school.

Third. The Y. W. A., which meets weekly, has been A-1 for several years. At times the membership has passed one hundred.

The students conduct a weekly prayer meeting in their halls, and a twenty-minute prayer meeting each day at noon in the J. R. G. Room.

A revival is conducted each year at some time during the session.

Awards

The Zeta Tau Alpha Award of twenty-five dollars to the senior of the June class graduating summa cum laude.

The Chi Omega Award of twenty-five dollars to the non-Chi Omega girl who makes the best record in Sociology.

The Charles H. Strickland medal, established by Mrs. C. H. Strickland for the best orator in the senior class. This is an endowed medal.

The Elizabeth Tigrett medal, founded by I. B. Tigrett in honor of his mother. It is awarded to the senior who has, in the opinion of the faculty, made the best record during the four years in college. Scholarship and usefulness in student activities are tests emphasized. The student must be a member of some literary society or literary club. This medal carries with it the highest honors of the senior class.

Summer School

The summer school is a regular fourth quarter of the college. Many students continue in school through the four quarters in order to graduate in three calendar years.

Special summer school bulletins are issued regularly which give detailed information in regard to the courses offered, rates, and special information, also concerning the spring and fall six weeks terms.

Saturday Classes

Through the fall, winter, and spring quarters we offer special residence courses on Saturdays. These courses are the equivalent in every respect of similar courses offered at the same time to students in residence. The State Department of Education permits teachers while teaching to take a maximum of six hours of such work per quarter and

allows this to count as six weeks of residence work toward a certificate, new or renewal.

The Opening

The formal opening of the University will take place at 10:00 A. M., Wednesday, September 13. It is desired that all applicants consult with the faculty on Monday and Tuesday, September 11 and 12, as to their entrance qualifications and their registration. All freshmen will meet in the college chapel at 10:00 A. M., Monday, September 11, for instruction preparatory to registration and the beginning of college activities.

Student Organizations and Activities

The University is not responsible for any financial obligation incurred by a student organization, student, member of faculty, or employee unless authorized by the President or Business Manager in writing.

Student Activity Association

This organization finances practically all of the calls that would ordinarily be made on the student body for such things as flowers for sick students and for funerals, expenses of representatives to student conventions, games, entertainments, etc.; so that there are no collections taken at chapel or among the students for such things.

Athletic Association

This association promotes and fosters teams and games in football, basketball, track and tennis. It stands for and insists upon clean and wholesome athletics and has maintained very high standards. Through its high standards and influence, young men are toned up in their moral character and ideals, and even in their religious views.

Union is a member of the Southern Inter-Collegiate Athletic Association (S. I. A. A.) and observes all the rules and regulations of that Association.

Athletics

Union University believes in training the body as well as the mind and soul. Perhaps nothing encourages an interest in physical exercise more than college athletics. While it usually happens that those who are on the teams are already developed, and therefore do not need the inter-collegiate contests for their own physical growth, yet it is true that most of them were originally aroused to an interest in the development of their bodies either by practicing in games, or by watching the games of others.

In order that our college teams may be a credit to the institution, and that it will be a compliment to a young person to be a member of the team, the faculty has adopted the following rules which will be strictly adhered to:

- 1. None but *bona fide* students of this institution shall be allowed to participate in inter-collegiate or inter-scholastic contests. By "bona fide" student is meant:
- (a) Any student who is carrying a regular course of study of not fewer than twelve hours a week in this institution, and who was enrolled at or near the first of the term in which he plays.
- (b) Any student who has not failed or who has been conditioned on not more than one-third of his work.
- (c) Any student whose classification conforms to the ruling governing classification of all students as shown on page 39.
- 2. A member of the faculty shall accompany all teams when away from the University.
- 3. All funds shall pass through the books in the College office and all checks be signed by the Bursar or President, and the President shall approve all contracts or orders involving money.

Student Publications and Clubs

Cardinal and Cream

This is a bi-monthly college paper edited and published by the students and is a bright, breezy, readable paper. Sample copies will be sent upon request.

"Lest We Forget"

This is a beautiful year book, well bound, and issued every year by the students. It is a volume always greatly prized by the students, and one that grows in value with the passing years.

Literary Societies

G. M. Savage: For men. Enonian: For women. Euphrosynean: For women.

Nestor

This is a special literary club of upper classmen consisting of thirteen members, one of whom is a member of the faculty, and is organized to promote special scholastic interest and attainments. When a vacancy is caused by the graduation of some member, a new member is elected his successor from the upper classmen.

Hypatia

This is a literary, dinner-club of upper class girls, limited to sixteen in number, and the Head of the English Department as sponsor. It is intended to train the girls for success in such clubs after they leave school.

History

This is a dinner-club composed of ten young men and young women who are either history majors or are interested in the cultural value of the study of history. Members of the history staff sponsor it.

The W. A. Owen Law

This club is composed of pre-law students and functions only when there is sufficient demand for it. It is sponsored by the History Department.

The Palladian Breakfast

This club endeavors to carry on the ideals and traditions of the Palladian Literary Society which was organized over fifty years ago. It is a literary club composed of fifteen young women. The sponsor is elected annually when the officers are chosen.

Tri-V

The Tri-V Club, composed of upper class girls, is limited to fifteen. The club provides an opportunity for special study and training for leadership in the fields for Home Economists.

Home Eco

The Home Eco Club is composed of freshman and sophomore girls who have made an average of B in their Home Economics courses. The purpose of the club is to provide group study in the field of Home Economics.

Latin Club

Fifteen young women and men, sponsored by a member of the faculty, compose this club, which is both literary and social. Only students making a B average in Latin may belong. The purpose of the club is to grow in the knowledge of Latin and its background.

Kardinal Key

Kardinal Key Klub, composed of seventeen students and a faculty sponsor, has as its purpose the promotion of school spirit in all student activities.

Fraternities and Sororities

Union has five national fraternities—Alpha Tau Omega, Sigma Alpha Epsilon, Chi Omega, Zeta Tau Alpha, and Tau Kappa Alpha. The last named is an honorary forensic fraternity. They have their own special activities and functions, and add variety and charm to the college life.

Debating

The debating of Union is under the direction of a faculty debate sponsor. The varsity team, selected in competitive tryouts, meets teams from other colleges in single contests and in various tournaments. Each member of the regular team receives three hours' college credit for a year's participation in this activity.

EXPENSES

The school year is divided into four quarters, both for the readjustment of classes and for the payment of fees.

The amounts designated below are due and payable at the beginning of their respective quarters. Tuition is NOT charged by the month, but by the year, the amount for the year being divided according to the quarter for convenience.

ALL fees *must* be settled with the Bursar before a student will be enrolled in any class. The student who cannot pay cash must see the Bursar and make satisfactory arrangements before entering classes, just as those paying cash.

A small laboratory fee is charged each student who works in the laboratory, to cover the cost of reagents consumed.

By a recent ruling of the Board of Trustees, only ministers who actually need assistance will be given free tuition. Application for such aid must be made by the young minister and passed on by a committee. All students who receive financial aid from the University must room and board on the campus.

No boarding students will be allowed to carry fewer than fourteen hours' work, except upon advice of a physician.

Condensed Table of Expenses

One Year of Three Quarters. (Pavable in three installments)

(- · · · · · · · · · · · · · · · · · ·
Cash 1/3 at 1st of each Quarter
of their guarter
Tuition (three quarters)*\$ 99.00
Board (three quarters)**
Matriculation (three quarters)
Room Rent (minimum) (three quarters)
Student's Activity Fees (three quarters)
Library Fee (three quarters)
Maintenance Fee (three quarters)
College Annual Fee*** (4.50)
Total for the year\$336.00
Amount to be paid each quarter\$112.00

Remarks: A carrying charge of 5% will be added to the above if not paid within five days after due.

In calculating the total cost for the year, from the table

1.00 2.00

on page 26, students will add laboratory fees if taking sciences, typewriting, or home economics.

He will add, if rooming in halls, five dollars breakage deposit and one dollar key deposit.

Books, laundry, and personal expenses are not included. Books and stationery (estimated) vary from \$15 to \$30 a year. Laundry, from \$15 to \$30 a year.

If higher priced rooms are wanted, the difference must be added.

Laboratory Fees

	FOODS AND NUTRITION	
100 101 102 103 215 216 217 219 315 316	Food Preparation \$3 Elementary Dietetics 2 Meal Planning and Table Service 3 Food Craft for Men. 2 Food Preparation and Cookery 5 Meal Planning and Table Service 5 Dietetics, per term 4 Institutional Cookery and Management 5 Nutrition 4	.50 .00 .50 .00 .00 .00 .00 .00
317	Advanced Nutrition, per term	.00
22	Home Management 24 and 416 Home Management House.	
	oom Rent, \$19.00, and House Fee (board, laundry, lights, wat	0=
etc.)) \$6.00 per week.	·
221	Home Nursing\$ 2	
223		.00
415		.00
419	Household Equipment	.00
	TEXTILES AND CLOTHING	
116 117	Textiles \$ 2 Elementary Clothing 1	.00

118

^{*}The above tuition rate is based on 16 quarter hours. For each credit hour in excess of 16 the charge will be \$2.50 per credit hour.

^{**}This price may be revised August 1st according to food prices at that time. Write for Bulletin.

^{***}This is collected for the student body. Its payment is not compulsory.

406 407 408	Advanced Dress Design	1.00 2.00 5.00
	Related Art	
115 205 318 319 320 321 410	Art and Design \$ Applied Design Costume Design House Architecture Interior Decoration Advanced Clothing Art Appreciation	1.00 1.00 1.00 1.00 2.00 2.00 1.00
	GEOGRAPHY	
100 101 210 301 302 303	Elements of Geography	1.00 1.00 1.00 1.00 1.00 1.00
	EDUCATION AND PSYCHOLOGY	
106 403 404 201	Art in the Elementary School	1.00 5.00 5.00 1.00
	Tuition, Special Students	
cred fees	uition for those taking less than a full course, \$4.00 it hour for first three hours (includes all fees except). For second three hours, \$3.50 per credit hour. I three hours, \$3.00 per credit hour. Full rates for the cours, \$3.00 per credit hour.	lab. For
	Each Qu	arter
Cash	at first of term\$	
	Fees	
Cher Brea Biolo Phys Surv	nistry, Elementary Laboratory	5.00 7.50 5.00 3.00 3.00 1.00 4.00

Room Rent

(Each person)
Each Quarter
Adams Hall, East Wing\$15.00
Adams Hall, West Wing\$15.00 to 18.00
Girls' Halls, for one-window room
Girls' Halls, for two-window room
Girls' Halls, for three-window room
Girls' Halls, for four-window room

Room Reservation—We have a limited number of rooms, and for the past four years they have been engaged before the opening of school. This has necessitated our requiring a reservation fee of \$5, which is not refunded, but transferred to room deposit when student enters.

Note: Any student rooming on the campus who vacates his room before the end of the year must serve written notice two weeks in advance of vacating in order to claim his five-dollar room deposit.

Heat and Lights

Students rooming in the halls, but taking meals off the campus, will pay additional for water, heat and lights, as follows: Fall quarter \$8, winter quarter \$10, spring quarter \$8. Each summer term \$4. These rates also apply to the girls doing their own cooking. These fees are charged because the cost of heat, water and light is charged in the account for board, and not in the account for room rent. Those eating at the Tea Room will get a proportional refund on this charge on their meal tickets. Ask Bursar for details.

Saturday Classes

Tuition and Fees-\$3.50 per credit hour for all classes.

Tuition in Fine Arts

Piano (Advanced, under director)
Voice—write for rates.
Composition and Advanced Theory
Private Lessons\$10.00
Harmony (in class)
Musical History 8.00
Expression (private lessons)
Piano Rent, one hour a day, each
Additional hour a day 2.00

Graduation Fees

College Department\$10	.00
Music Department Certificate 5	.00

Notice

Registration Fee—Students enrolled in Fine Arts Department only, will not pay a matriculation or student fee, but will pay registration fee of one dollar only.

Late Settlement Fee

A late entrance fee of \$1 will be charged those completing their enrollment three days later than the formal opening of any term, and 25 cents for each additional day. This may be remitted for sufficient cause.

Re-Enrollment Fee

Any student enrolling for only the first six weeks at the beginning of any quarter and re-enrolling for the second term later, will be charged a re-enrollment fee of \$2.00.

Change of Classes

No change can be made without the written consent of the Professor or Professors concerned, and the Dean, and the permit must be bear the Bursar's stamp. Any student who makes a class change without a change card properly filled in, and filed with the Bursar at the beginning of the term, shall not receive credit for the work of the course in question, even if claim is made at the close of term. These fees may be remitted where changes are made upon the recommendation of the Dean or President, or if necessitated by any changes made in the program by the Dean. Fees remitted only upon the OK of the President or Dean.

Dropping of Classes

A course running through the quarter may not be dropped after the third week, and a six weeks term course may not be dropped after one and one-half weeks. Dropping of classes requires the same permission on change card as indicated in the change of classes above.

Refunds

Room rents, matriculation fees, student fees, maintenance fees, and room reservation fees are never refunded. Board is refunded for absence of even weeks, no fractions of a week considered. No refunds may be claimed for board for the last week of any term.

Tuition is refunded in the Literary Department, provided that no refund will be considered for less than one month's absence in any term, and full month's tuition will be charged for any fraction of a month that the student may be in attendance, and provided further that no refund of tuition whatever will be made when student is forced to withdraw from school for disciplinary reasons. Students in refusing to conform to the disciplinary rules of the school forfeit all claims for refunds.

No refund will be made for reduction in number of credit hours after two weeks of term has elapsed.

The claim for refund will be considered only from the date Bursar is notified in writing of absence. Where possible the Bursar should be notified in advance. No claim may be made for time preceding such notification. Reasons for these rules are obvious.

Any student rooming on the campus who vacates his room before the end of the year must serve written notice two weeks in advance of vacating in order to claim his room deposit.

All athletic equipment issued to the students must be returned by them to the equipment man for credit. Otherwise, it will be charged against their accounts and they will be required to pay for it.

It will be observed that all of the above rules and regulations put the responsibility upon the pupil. He saves money by seeing the President and Bursar immediately.

Deposit Fees

Every student entering one of the boarding halls must deposit a breakage fee of \$5.00, and a key deposit of \$1.00. Students in Chemistry will deposit a breakage fee of \$5.00.

These deposit fees will be returned to the student upon leaving college or at the close of the year, or upon return of articles, less any loss or damage charges.

Loan Funds

Walter Gray Fund

In August, 1918, Mrs. Sallie Patrick of Collierville, Tennessee, gave the University a sum of money to be used as a fund to be loaned to worthy students in memory of her deceased son, Walter Gray. The trustees accepted this and named it the Walter Gray Fund. In the first year it enabled nine of the best students in college to continue through the year. Most of them have since graduated and are holding good positions. Mrs. Patrick was so well pleased with the results that she later visited the college and added another thousand dollars to the fund. She left in her will \$1,000 for this fund, which has now assisted about forty young people. This fund now amounts to nearly \$3,000.

The Betty Sevier White Memorial Fund

The Betty Sevier White Memorial Fund was established in January, 1919, by her husband, Mr. Henry White, and son, Henry White, Jr., of Jackson, Tennessee. The establishment of this fund is a beautiful and worthy tribute to the one who had been so active in her church life and in her interest in young people.

Lanier Fund

In September, 1920, Mr. J. W. Lanier brought to the President's office, \$1,500 in bonds, requesting that it be used in assisting worthy students, establishing a fund in memory of his father and mother, Mr. and Mrs. J. P. Lanier, and daughter, Rubie Marie. Mr. Lanier has later made additions to this fund.

The W. H. Nichols Fund

In April, 1921, Mr. W. H. Nichols of Kenton, Tennessee, established a fund to be loaned to young ladies studying for missionary work. Mr. Nichols was touched by the fact that while there has been much done for the education of young preachers, there has been no fund of this kind to assist missionary girls.

The L. J. Brooks Fund

In May, 1921, Dr. L. J. Brooks of St. Louis, an alumnus

of West Tennessee College (now Union University), established a fund of \$500 in grateful recognition of his interest in his Alma Mater, and in young people who have to struggle, as he did, in getting through college.

The Waldrop Brothers Fund

In April, 1922, Messrs. Homer and Floyd Waldrop, students in Union University, realizing the need and value of such funds, upon conditions accepted by the trustees, established a fund of \$500—a worthy monument to two worthy students.

Ministerial Loan Fund

The University receives about \$1,000 annually from the Baptist State Executive Board, which is loaned to young ministers.

Class of 1922-23

The class of 1922 established a fund of \$1,000 as a class memorial. It was their hope that other classes would follow their example, which in the course of a few years would establish sufficient funds to afford every worthy student the opportunity of a college education.

The class of '22 was not disappointed, for the class of '23 followed their example and established a fund of \$570. There can be no greater testimony of the value of loan funds than the fact that our present student body is so impressed as to establish such funds themselves.

The Crump Fund

Mrs. W. O. Crump, of Memphis, being impressed with the possibilities of loan funds for rendering a great service to worthy young people, and through them to the world, has started a fund with \$200.

Other Funds

Certain Sunday School classes in the First Baptist Church, Jackson, The Men's Sunday School class of the First Baptist Church, Clarksville, the West Jackson Church, and the W. M. U. of Central Association are laying the foundations of splendid funds which have made it possible for several

students to remain in school. The late Miss Mabel Edenton established a fund of several hundred dollars. A special friend of '27 is establishing a fund by monthly contributions.

Still other funds established by individuals and organizations are: Cox Ministerial, Crook, Chi Omega, M. Edenton, Guy C. Hall, Eugene Johnson, Metz, Missionary Girls, Prescott Memorial, and Zeta Tau Alpha.

The Hall-Moody-I. N. Penick Loan Fund

The Trustees of Hall-Moody Junior College have transferred to Union University the loan funds that have been donated there, amounting to something more than \$5,000, this fund to bear the name indicated. This fund is represented at present almost entirely by notes of Students of Hall-Moody to whom it has been loaned. It will become available for students in Union as the notes are paid.

Rules and Regulations

The above funds, except those designated otherwise, are let out under the following regulations: First, funds are available to students who have demonstrated their real worth in college. Class records and deportments in general are considered. They must be recommended by all of their teachers. Second, six per cent interest is charged. Third, at present, owing to the limited amount at our disposal, we must limit the amount loaned to any student to one hundred dollars a year. Fourth, students who do not have insurance protection or property must offer approved security.

Form of Will

I,, hereby wi	ill and
queath to Union University, Jackson, Tennessee	
	to be
ed as follows:	
(Signed)	
Place and Date	
Vitness:	

THE COLLEGE

Entrance Requirements

For admission to the Freshman class in any regular course leading to a degree, a pupil must offer fifteen units. A unit means a high school course of one scholastic year.

means a high school course of one scholastic year.	
English	3
Mathematics (1½ Alg. and 1 Pl. Geom.)	2⅓
One Foreign Language	2
History	1
Science	1
Electives	$5^{1}/$
- ·	_
Total	5

A student deficient in one or more units will not be considered a regular college student until these deficiencies are made up.

When a student has the required number of entrance credits but is deficient in some required subjects, as, for example, one-half unit in Mathematics, he may make up the deficiency by electing an equivalent amount of extra college work in that department.

What May Be Offered

And the Maximum Amount of Each

English Composition, Grammar and Rhetoric
Literature 2
Algebra to Quadratic Equations
Algebra—High School Algebra Completed
Plane Geometry
Ancient History
Modern History
English History
American History and Civics
*Latin—Grammar and Composition, Caesar, Books I-IV 1
Six Orations of Cicero
SIX CIRCLES OF CICCLO
Virgil's Aeneid, First Six Books
*Greek—Grammar and Composition
Xenophon's Anabasis, Books I-IV
German—Elementary Grammar and Reading 1
Elementary Grammar and Composition 1
French—Elementary Grammar and Reading
Elementary Grammar and Composition
Science—Physiography, with field work

Physics	1
Inorganic Chemistry, with laboratory work	1
morganic Chemistry, with laboratory work	1
General Science, with laboratory work	1
Domestic Science	1
Domestic Art	1
Botany, with laboratory work	1
Zoology, with laboratory work	1
Agriculture, with laboratory work	2
Physiology	1/2
Bible (if done under accredited teacher and equivalent to a full	, -
year of literary work)	1
Music (upon satisfactory examination on at least two year's work)	ī
Manual Tenining	2
Manual Training	
Commercial Subjects	2
Spanish	2
Military Training or Expression	1
armeary framing or Dapi coston	1

Entrance Certificates

Students must give evidence of being able to do college work before admission to classes, and an official transcript must be filed before November 1. Students entering at other than the first term, must present transcripts within reasonable time. It is much preferred that these transcripts be filed with the entrance committee on or before entering. Blanks will be furnished upon request.

Advanced Standing

Students desiring advanced standing should send credits before entrance if possible; but they must be received by November 15, and must be approved by the heads of the departments concerned.

GENERAL REQUIREMENTS FOR GRADUATION

The total number of quarter hours required in each group is 192. Credits are determined by quarters; one credit hour means one hour of class work a week in a single subject throughout a quarter. The school year is divided into three quarters, so that the above requirement is equivalent to 64 year hours or 128 semester hours.

Notice: Time is required as well as hours credit. A minimum of ten and one-half quarters of residence are required for graduation. All conditions must be removed by the opening of the term preceding graduation.

In each group a certain number of electives may be taken from any of the regular college courses offered, but must be other than those required in that particular group. However, the wise student will always finish his required work first. Failure to do this frequently forces students to do more than 192 hours in order to graduate.

Credit for work done in the Fine Arts Department can be counted up to a total of 30 quarter hours as elective in a Liberal Arts course.

All students are discouraged from offering just one year in language, but may do so for special reasons satisfactory to the Dean.

The maximum number of hours allowed in any one subject shall be fifty-four.

Any student leaving a required freshman subject until the senior year shall receive one hour less credit each quarter for the delayed work.

At the beginning of his junior year each student is required to choose the department in which he wishes to major, and then to consult the head of that department regularly in selecting the courses of study to be pursued. The student will be permitted to change to another department only by the consent of a committee consisting of the dean and the two professors involved.

In his senior year he will be required to attend a seminar given in his department, which will meet not fewer than twelve hours. At the completion of his seminar he must take a comprehensive examination and be approved by his major professor.

Grading System and Quality Credits

All work is graded by letters which may be interpreted in percentage figures as follows: A 95-100, B 85-94, C 75-84, D 65-74, E 55-64, F below 55. A, B, C, and D are passing grades, E is condition, and F failure. In case a condition is not removed within the year following when the student is in residence, it automatically becomes a failure. A failure can only be removed by taking the course over again in class. Incomplete work, or absence from examination by excuse. must be made up within the next quarter of the student's residence; otherwise the incomplete grade becomes a failure.

For graduation a student must present a minimum of 192 quality credits, in addition to the regular 192 hour credits. It is not enough to have the required number of credits; they must be of standard quality. The system of quality credits is as follows:

Three quality credits are given for each credit hour of "A" grade, two quality credits for each credit hour "B" grade, one for grades of "C", and none for grades of "D". One quality credit shall be subtracted for each hour "E" grade, and two quality credits shall be subtracted for each hour "F" grade.

Honor Students

Students making an average of 2.5 quality credits for each hour of credit, which is half-way between "A" and "B", during their college course, graduate as Honor Students. Cum Laude. The one ranking highest, with Summa Cum Laude, and the three ranking next below the highest, with Magna Cum Laude, provided all are above the required 480 quality credits.

Class and Chapel Absence Rules

Five excused absences from one class or from chapel shall count as one unexcused absence and shall then receive the same penalty as the latter.

The penalty for each unexcused class or chapel absence shall be the subtraction of one-half quality credit.

If during a quarter or term, the number of unexcused absences in any course exceeds the number of times per week which that course meets, the student, on recommendation of the instructor, will be required to withdraw from the course.

If the number of unexcused absences in any one course or from chapel exceeds 25% of total class or chapel meetings for the term or quarter, the student will be automatically suspended. This rule does not apply to members of teams absent as representatives of the school; in such cases, absences from chapel and classes are not counted except that work must be made up.

Classification

College students will be classified as follows:

- (a) A student will be classified as a Freshman who has no conditions required for entrance and is carrying at least twelve hours of Freshman work in the Fall Quarter.
- (b) A student will be classified as a Sophomore who at the beginning of the Fall or Winter has at least 36 hours of college work to his credit, 36 quality credits.
- (c) A student will be classified as a Junior who at the beginning of the Fall quarter has at least 84 hours to his credit, 84 quality credits.
- (d) A student will be classified as a Senior who at the beginning of the Fali quarter has at least 129 hours.

Note: Nothing in these requirements may prevent a student's changing to a higher class the last quarter of the year, provided he has made up his deficiencies by that time.

Physical Education

All students are required to take some form of Physical Education for two years. Where this is taken in regular gymnasium classes, a credit of one quarter hour per quarter will be allowed. A maximum of six quarter hours will be allowed and required over and above the 192 scholastic hours required for graduation.

Degrees Offered

The University at the present is offering but two degrees—Bachelor of Arts and Bachelor of Science. The require-

ments for the Bachelor of Arts degree are indicated in the table of majors and their prescribed minors as given on pages 42 ff.

For the Bachelor of Science degree the student must major in science, or may substitute science for the two years of foreign language. The requirements for the two degrees, B. S. and A. B., are otherwise the same.

Remarks

No student may receive a degree who has not had at least three quarters in residence at Union. All of the work of the last quarter must be taken in residence.

Students are not allowed to graduate who by taking extra hours have shortened their college courses by more than one and one-half quarters.

A student may have two bachelor degrees (e. g., Bachelor of Arts and Bachelor of Science,) conferred when the requirements of both have been fully met, provided that he has not fewer than forty-five hours to offer, over and above that required for the first degree.

Applications for enrollment in the section of the Senior class graduating in May should be filed in writing with the Dean not later than the beginning of the winter quarter. August seniors must have their applications finally passed upon in the first summer term.

No one will be considered a member of the Senior class until passed upon by the faculty in session. All conditions must be removed by the opening of the last quarter. No one with conditions may have his name appear on the class announcements without special permission by the faculty. Those who enter their last quarter with no conditions may be excused from final examinations, provided they have been faithful in their work and make "excellent" on their daily grades for the term. This rule does not apply to Freshman subjects taken in the Senior year, nor does it exempt in the spring quarter those who are to graduate in the summer quarter.

Preparation for Graduate Work

Students planning to continue their studies in graduate schools after leaving Union will do well to have the Dean or President advise with them in planning their undergraduate work to fit in with the requirements of the graduate school. This will require that the student select the graduate school he wishes to attend and the fields in which he wishes a major and minor, and to do the work required in those fields by the school or schools selected. Failure to do this has caused many students embarrassment and much loss of time with its accompanying expense in making up the undergraduate courses prescribed as prerequisites in their major and minor graduate courses. A reading knowledge of French and German is usually required in the graduate school.

Scholastic Requirements for Graduation Plan of Majors and Minors

The requirements for the bachelor's degree from the College of Arts and Sciences are 192 quarter hours credit, not fewer than 192 quality credits, earned in accordance with the plan hereinafter set forth:

Regular Plan of Work

The completion of 192 hours usually requires four years, at the rate of 48 hours per year. Of these the first or freshman year is spent in general or introductory work, comprising courses in several departments and in widely separated subjects. During the second, third and fourth years, the student may combine his work within certain comparatively narrow limits. The plan of the entire four years' work is known as the "major elective system." It consists of three parts: I, prescribed freshman work; II, major and minor subjects; III, electives.

I. PRESCRIBED FRESHMAN AND SOPHOMORE WORK:

1. On entering college a student who is a candidate for the A. B. degree is required to take in his freshman year the following subjects: Freshman English, 9 hours; one Foreign Language, 9 to 12 hours according to amount of credit offered; 9 hours of Freshman Mathematics, namely 3 hours of Plane Trigonometry, and 6 hours of College Algebra; Bible or Religious Education, 6 hours; and Freshman Orientation.

- 2. Students who are candidates for the B. S. degree may substitute 18 hours work in Mathematics and Science above the specifically required Science and Mathematics in lieu of the two years Foreign Language required for the A. B. degree. A person desiring a B. S. degree and who has not satisfied the entrance requirement for Foreign Language must make up the deficiency in addition to the above work.
- 3. Not fewer than 9 hours of Bible, 3 hours of Hygiene or Human Physiology, a year of a laboratory science, and 18 hours of English including Freshman and Advanced Composition are required for graduation in all courses.
- 4. Exemptions: Four or more entrance units of Foreign Languages, two of one and two of another with one additional year in one of these in college, will satisfy the language requirement.

Majors and Their Prescribed Minors

BIOLOGY B. S. DEGREE

English 18 hours: 9 hours freshman composition, 3 hours advanced composition, 6 hours in

survey courses.

Mathematics 9 hours: 3 hours plane trigonometry, 6

hours college algebra.

Science

Chemistry 12 hours: freshman chemistry.

Physics 12 hours. Biology 36 hours.

Religion 9 hours: may include Old and New

Testament, and Religious Education.

Social Sciences 18 hours: may include Economics, Geog-

raphy, History, Political Science, Sociology

Hygiene 3 hours: may be met by Ed. 413, Biol.

210 or 211.

CHEMISTRY B. S. DEGREE

English 18 hours: 9 hours freshman composition, 3 hours advanced composition, 6 hours in

survey courses.

9 hours: 3 hours plane trigonometry, 6 Mathematics

hours college algebra.

Science

Chemistry 36 hours: including freshman work.

Physics 12 hours. Biology 11 or 12 hours.

9 hours: may include Old and New Religion

Testament, and Religious Education.

Social Sciences 18 hours: may include Economics, Geography, History, Political Science, Soci-

ology.

Hygiene 3 hours: may be met by Ed. 413, Biol.

210 or 211.

Commerce A. B. Degree

English 18 hours: 9 hours freshman composition,

3 hours advanced composition, 6 hours in

survey courses.

Mathematics 9 hours: 3 hours plane trigonometry, 3

hours college algebra, and 3 hours of statistics or 3 additional hours of college

algebra.

For. Language* 2 complete years.

Science 1 year: to be elected from the following:

Chemistry, Physics, Biology. One year is interpreted to mean 3 full courses re-

gardless of the hours credit.

9 hours: may include Old and New Testament, and Religious Education. Religion

Commerce

Major 36 hours: may be Business Administra-

tion, Economics, or Geography.

Minor 18 hours: to be elected from the two

fields in Commerce other than that of the

Hygiene 3 hours: may be met by Ed. 413, Biol.

210 or 211.

^{*}If a B. S. degree is desired, 18 hours of elective Science or Mathematics may be substituted for the two years of Foreign Language.

This is interpreted to mean 18 hours over and above the required science and mathematics already listed.

Education A. B. Degree

English 18 hours: 9 hours freshman composition, 3 hours advanced composition, 6 hours in

survey courses.

Mathematics 9 hours: 3 hours plane trigonometry, 6

hours college algebra.

For. Language* 2 complete years.

Science 1 year: to be elected from the following:

Chemistry, Physics, Biology. One year is interpreted to mean 3 full courses re-

gardless of the hours of credit.

Religion 9 hours: may include Old and New Testament, and Religious Education.

Social Sciences 18 hours: may include Economics, Geog-

raphy, History, Political Science, Soci-

ology.

Education 36 hours: may include 9 hours of Psy-

chology.

Hygiene 3 hours: may be met by Ed. 413, Biol.

210 or 211.

ENGLISH A. B. DEGREE

English 36 hours: this must include 9 hours freshman composition and 3 hours ad-

vanced composition.

Mathematics 9 hours: 3 hours plane trigonometry, 6

hours college algebra.

For. Language 2 complete years.

Science 1 year: to be elected from the following:

Chemistry, Physics, Biology. One year is interpreted to mean 3 full courses re-

gardless of the hours credit.

^{*}If a B. S. degree is desired, 18 hours of elective Science or Mathematics may be substituted for the two years of Foreign Language. This is interpreted to mean 18 hours over and above the required Science and Mathematics already listed.

Religion 9 hours: includes Old and New Testa-

ment, and Religious Education.

18 hours: to include 9 hours of History Social Sciences and 9 hours to be selected from Political

Science, Sociology.

3 hours: may be met by Ed. 413, Biol. Hygiene

210 or 211.

HISTORY A. B. DEGREE

English 18 hours: 9 hours freshman composition,

3 hours advanced composition, 6 hours in

survey courses.

9 hours: 3 hours plane trigonometry, 6 Mathematics

hours college algebra.

For. Language* 2 complete years.

Science 1 year: to be elected from the following:

Chemistry, Physics, Biology. One year is interpreted to mean 3 full courses re-

gardless of the hours credit.

9 hours: may include Old and New Testament, and Religious Education. Religion

18 hours: may include Economics, Po-Social Sciences

litical Science, and Sociology.

36 hours: may include Freshman His-History

3 hours: may be met by Ed. 413, Biol. Hygiene

210 or 211.

Home Economics B. S. Degree (General Course)

English 18 hours: 9 hours freshman composition, 3 hours advanced composition, 6 hours in survey courses.

For. Language 2 years (or two years Mathematics and Science over and above the required Science already listed, or two years of

History.)

^{*}If a B. S. Degree is desired, 18 hours of elective Science or Mathematics may be substituted for the two years of Foreign Language. This is interpreted to mean 18 hours over and above the required Science and Mathematics already listed.

Science

2 years: includes Freshman and Organic. Chemistry 9 hours: includes 101 or 104, 206, and Biology

9 hours: may include Old and New Religion

Testament, and Religious Education.

27 hours: for those who wish to teach. Education 12 hours including 100, 201, 208 or 209,

and 212 for those who do not plan to

teach

6 hours: 201 and 203. Economics

Home Economics 36 hours: 12 hours must be in clothing, 12 in foods, and 12 in home management.

Home Economics B. S. Degree (Dietetics Major)

The requirements for those majoring in Dietetics are the same as for those taking the General Course with the following exceptions:

15 hours: Foods and Nutrition.

9 hours: Education including 100, 201, and 212.

18 hours: Biology including 101 or 104, 206, 207, and

210 or 211.

French or Spanish A. B. Degree

18 hours: 9 hours freshman composition, English

3 hours advanced composition, 6 hours in

survey courses.

9 hours: 3 hours plane trigonometry, 6 Mathematics

hours college algebra.

For. Language

Major 39 hours: may be French or Spanish. 2 years: of language other than major or Minor

four years High School Latin.

1 year: to be elected from the following: Science Chemistry, Physics, Biology. One year

is interpreted to mean 3 full courses regardless of the hours credit.

Religion 9 hours: may include Old and New Testament, and Religious Education.

Social Sciences 18 hours: may include Economics, Geog-

raphy, History, Political Science, Soci-

ology.

Hygiene 3 hours: may be met by Ed. 413, Biol.

210 or 211.

MATHEMATICS B. S. DEGREE

English 18 hours: 9 hours freshman composition,

3 hours advanced composition, 6 hours in

survey courses.

Mathematics 36 hours.

Science

Chemistry 12 hours. Physics 12 hours.

Biology 11 or 12 hours.

Religion 9 hours: may include Old and New

Testament, and Religious Education.

Social Science 18 hours: may include Economics, Geography, History, Political Science, Soci-

ology.

Hygiene 3 hours: may be met by Ed. 413, Biol.

210 or 211.

Religion A. B. Degree

English 18 hours: 9 hours freshman composition,

3 hours advanced composition, 6 hours in

survey courses.

Mathematics 9 hours: 3 hours plane trigonometry, 6

hours college algebra.

Science 1 year: to be elected from the following:

Chemistry, Physics, Biology. One year is interpreted to mean 3 full courses re-

gardless of the hours credit.

Religion 36 hours.

For. Language 2 complete years.

Social Sciences 18 hours: 9 hours in Sociology, and 9 hours elective from Economics, Geog-

raphy, History, and Political Science.

Hygiene 3 hours: may be met by Ed. 413, Biol. 210 or 211.

An A. B. degree *only* may be obtained with the following majors: English, French, and Religion.

A B. S. degree *only* may be obtained with the following majors: Biology, Chemistry, Home Economics, and Mathematics

Either degree may be obtained with the following majors: Commerce, Education, and History.

Not more than 36% of the total amount of credit offered for graduation shall be Freshman courses.

New Plan—Divided Quarters

After the successful experiment of dividing the spring and summer quarters into six weeks terms, we have decided to similarly divide the fall and winter quarters. This means that the classes will recite daily and most of the courses will be finished in six weeks instead of twelve, the students taking just half as many courses. This will enable us to start new classes in the middle of the fall and winter quarters as indicated on the calendar page.

The work will still be run on the quarter basis. Students entering at the beginning of the quarter will make out their

programs for both terms of the quarter.

Pre-Professional and Professional Courses

TWO-YEAR BUSINESS COURSE

First Year	Second Year
English 100-101-102 9 hrs. Economics 5 hrs.	English 9 hrs. Accounting 10 hrs.
Mathematics 101-102 6 hrs. Commercial Law10 hrs.	Political Science 201-2-3 9 hrs. Economics 201-2-3 9 hrs.
Geography 100-101 6 hrs. Sociology 3 hrs.	American History 9 hrs. Shorthand 3 hrs.
Typewriting	

ONE-YEAR PRE-DENTAL COURSE

English	(Composition and Rhetoric) 9	hours
Physics		hours
General	Chemistry12	hours
General	Biology (or Invertebrate Zoology)11 or 12	hours

TWO-YEAR PRE-ENGINEERING COURSE

Freshman Year	Sophomore Year
Mathematics	Mathematics12 hrs.
English 100-101-102 9 hrs.	Physics
Chemistry	Foreign Language 9 hrs.
Foreign Language12 hrs.	Electives
Note: These courses may be	varied somewhat according to the
kind of engineering desired.	<u> </u>
and of engineering desired.	

PRE-HOME ECONOMICS (Smith Hughes)

First Year	Second Year
Art 115 English 100, 101, 102	English 202, 203, 206 Chemistry 104, 105, 106
Textiles and Clothing 116, 117, 118	Foods 215, 216
Foods and Nutrition 100, 101 Electives 9 hours	Home Nursing 221 Clothing 222
Physical Education	Phychology 201, 210, 212
	Electives 9 hours

Electives must be courses other than Home Economics. Students desiring to take Education may do so upon the recommendation of the head of the Department of Education and of Home Economics.

TWO-YEAR PRE-LEGAL COURSE

First Year	Second Year	
History or Sociology 9 hrs. Science or Math 9 hrs. Economics 9 hrs.	English	9 hrs.9 hrs.9 hrs.

TWO-YEAR PRE-MEDICAL COURSE

First Year	Second Year
Chemistry 101-102-10312 hrs.	Chemistry 307-308-30912 hrs.
Mathematics 101-102-103 9 hrs.	Physics
Biology	French or German 9 hrs.
French or German12 hrs.	Biology 9 hrs.
English 100-101-102 9 hrs.	Embryology 3 hrs.
	Comparative Anatomy 3 hrs.

Remark 1. All students who complete the Pre-Medical Course and do one additional year of prescribed work in residence in Union University before entering a medical school may receive the A. B. degree upon completing one year in an approved Medical School. The work must be certified to Union University by the first of April preceding the commencement, and students must have been approved as a candidate by the faculty, upon application, by October 15, pre-

ceding. A satisfactory thesis upon an approved subject must be presented.

REMARK 2. Vanderbilt University requires three years of college work for entrance into the School of Medicine, and also requires two years of German. The Tennessee University School of Medicine suggests that those of our students planning to enter that University put more time upon Biology and Chemistry, even at the expense of French and German.

TWO-YEAR CURRICULUM FOR TEACHERS

Designed to train teachers for elementary schools. Students completing the two-year curriculum will be entitled to receive a permanent professional certificate to teach in the elementary schools of the State. They may complete also the requirements for graduation with the A. B. or B. S. degree in two additional years.

rs. Sophomore Year Hrs.
9 English 201, 202 or 203, 206 9
.12 Psychology 201, 210, 212 9
9 Biology 210 or 211, 413 6
6 Education 202, 203
Geography 210 3
Physical Education 3
6 Directed Electives (Methods
courses in education) 6
3 Music Appreciation 3
3 Elective 3
. 3

Note: Students who have not had high school Biology may take Biology 100, 101, 102 or Biology 100, 104, 105.

FOUR-YEAR CURRICULUM FOR TEACHERS

Designed to train teachers for elementary or high school positions. Freshman and sophomore years are identical for both groups. Students preparing to teach in elementary school will complete in their junior and senior years the requirements for elementary teachers; those preparing to teach in high school will complete the requirements for high school teachers. Completion of the four-year curriculum entitles the student to receive either a permanent professional elementary certificate or a permanent professional high school

certificate in Tennessee. Students completing this curriculum will receive also the A. B. or B. S. degree.

Freshman Year	Hrs,	Sophomore Year Hrs.
English 100, 101, 102 Geography 100, 101, 210	9	English (Literature) 9 Psychology 201, 210 6
or		Science
Biology 210 or 211,413-6	9	or
Science		Mathematics9-12
or		Modern Foreign Language 9
Mathematics		Physical Education 3
*Modern Foreign Language.	12	Electives9-12
Physical Education	3	Electives9-12
Elective		

JUNIOR AND SENIOR YEARS

Complete all requirements for the A. B. or B. S. degree, including either I or II below:

I. ELEMENTARY TEACHERS

Required: English 201; Psychology 212; Education 202, 203, 208 or 209.

Directed electives: Arts (fine and practical) six hours; Health nine hours; Music (public school and appreciation) six hours; **Social Science nine hours; Education nine hours.

II. HIGH SCHOOL TEACHERS

Required: Psychology 319; Education 208 or 209, 318, 402. Directed electives: Education nine hours; Social Science nine hours; Credit hours to meet Tennessee high school certificate requirements in two subjects.

DIPLOMA IN MUSIC

First Year	Credit
Advanced Piano or Voice (two hours daily practice). Harmony English (Freshman) Foreign Language (Modern) Music Minor Literary Electives	3 hours 12 hours 9 hours 6 hours

^{*}The foreign language begun in freshman year must be continued in sophomore year.

^{**}If elementary teachers take history in freshman year, Geography 100, 101, and 210 must be taken for the elective nine hours of Social Science or vice versa.

Second Year

Advanced Harmony 3 hours History of Music 3 hours Advanced Piano, Voice (two hours daily practice) 12 hours Foreign Language 9 hours *Physics of Sound (Physics III) 4 hours Music Minor 5 hours Literary Electives 9 hours Theory and Ear Training 3 hours
48 hours

^{*}If not taken in High School.

Third Year

Advanced Piano, Voice (three hours daily practice)15 hours
Minor in Music 6 hours
Educational Psychology and Methods 9 hours
English (Sophomore) 6 hours
History (Musical) 3 hours
Recitals 3 hours
Literary Electives 6 hours
48 hours

Fourth Year

Advanced Piano, Voice (five hours daily practice)	15 hours
Minor Subjects	6 hours
Practice Teaching	3 hours
Recitals	3 hours
Education	9 hours
Literary Electives	12 hours
·	

48 hours

CERTIFICATE IN SPEECH

A certificate in speech is given to those students meeting the following requirements:

- 1. The completion of the freshman and sophomore courses of the regular college curriculum.
- 2. Successful public appearances at the discretion of the instructor.
 - 3. The completion of a minimum of 24 hours in speech.

Department of Biology

Dr. Davis

The courses in biology are offered for the purpose of general culture as well as to lay proper foundation for those desiring to specialize in scientific work, in medicine, agriculture, or engineering.

The laboratory fee in each case covers all necessary material, but the student is required to pay for the breakage of all apparatus charged to him.

The lecture room has been equipped with a permanent installation of sound movie apparatus.

- 100. General Biology. An elementary course for those who have not had Biology in High School. Covers main biological principles in a general way. Living animals and plants as a whole are studied in the laboratory and the field. Three hours' credit.
- 101. General Zoology. An introduction to the study of animal life with emphasis placed on the invertebrates. Four hours' credit.
- 102. A continuation of Biology 101. Prerequisite: Course 101. Four hours' credit.
- 103. Vertebrate Zoology. A survey of the fundamentals of vertebrate morphology and ecology. Dissection of fish, amphibian, reptile, bird and mammal. Prerequisite: Courses 101 and 102. Four hours' credit.
- 104. Principles of Botany. This course is devoted to the study of the development and the nature of plants with emphasis on structure and function of plant cells, roots, stems, leaves and flowers. Four hours' credit.
- 105. A course in plant types including a thorough study of the following groups: algae, fungi, bryophytes, and spermatophytes from the point of view of plant relationship; also embracing the study of their life, process of nutrition and reproduction. Four hours' credit.
- 206. Bacteriology. An introduction to the principles of bacteriology. The work begins with the study of both the pathogenic and non-pathogenic organisms. Lab-

- oratory technique is emphasized. One-half of the time is devoted to laboratory work. Prerequisite: One year of Chemistry. Four hours' credit.
- 207. Heredity and Genetics. A study of the fundamentals of heredity of plants and animals. Some time will be spent in a botanical garden where many examples of variations and mutations are observed. Considerable time is given to the laboratory cultures of Drosophila. Prerequisite: One year of Biology. Three hours' credit.
- 210. Human Physiology. This course in general Physiology is designed to meet the needs of all college students. It includes lectures and demonstrations dealing with the fundamental principles of body structures and vital phenomena. Three hours' credit.
- 211. Human Physiology. Course 210 continued. Three hours' credit.
- 312. Embryology. This course is planned especially to meet the needs of pre-medical students. It consists of lectures and laboratory work with emphasis on the chick. Students are required to make a certain number of sections of chick embryos. Prerequisites: Biology 101, 102, and 103. Three hours' credit.
- 413. Hygiene. The essentials of personal and community health. Three hours' credit.
- 415. Histology. A systematic study of the cell, elementary tissues and structures of organs. Emphasis is placed on the characteristic cells of the various organs of the body. One-third of the time will be given to histological technique. Prerequisites: Biology 101, 102, and 103. Three hours' credit.
- 416. Parasitology. The forms affecting man and domestic animals will be studied. Students will make actual examinations of amoebae, flagellates, trichinae, hookworms, tapeworms, etc. Prerequisites: Biology 101 and 102. Three hours' credit.
- 420. Comparative Anatomy, Vertebrates. Systematic study of classes, orders and some families of vertebrata. Comparative organology and physiology. Mammalian

- osteology. Attention to nervous, urinogenital and vascular systems. Prerequisite: One year of Zoology. Three hours' credit.
- 421. Special Problems in Zoology. For students who expect to teach or to follow some phase of Zoology as a profession. Includes preparation of skeletons, dissections, collections, taxidermy, preservation and embalming of animals. Prerequisite: Nine hours Zoology. Three or four hours' credit.

Department of Chemistry

Dr. Prince

The age in which we live is called *The Scientific Age*, and all indications point to its becoming even more so. There is a growing demand for young people who have been scientifically trained. The courses in this department are planned to meet the needs of those who wish to prepare for medicine, agriculture, engineering, or any other type of scientific work. They also offer a great cultural value to the students specializing in other fields.

- 101. Pandemic or General Chemistry. Lectures and recitations, three days a week. Laboratory, two double periods a week at times to be arranged. This course includes the nomenclature, the broader quantitative relations of the chemical elements and a particular study of the non-metallic elements. Four hours' credit.
- 102. Lectures, recitations, and laboratory as in Chemistry 101, which is a prerequisite. Special emphasis will be laid upon the laws of dissociation and ionization. The study of the non-metallic elements will be completed. Four hours' credit.
- 103. Lecture, recitation, and laboratory as in Chemistry 101 and 102, of which this is a continuation, and forms with them a complete course in general chemistry. The metallic elements will be particularly treated from the standpoint of elementary qualitative analysis. Four hours' credit.
- 104. Pre-engineering or Technical. Open only to

students who have completed a thorough laboratory course in high school. Lectures, recitations, and laboratory as in Chemistry 101, but more rapid progress will be attempted. Four hours' credit.

- 105. Continuation of Chemistry 104. Four hours' credit.
- 106. A continuation of Chemistry 105. A study and treatment of the metallic elements from the standpoint of elementary qualitative analysis. Four hours' credit.

Analytical and Elementary Physical Chemistry

- 204. Chemical Principles and Analytical Methods. A course designed especially for pre-medical students but also helpful to all students majoring in chemistry. The fundamental methods and theories of quantitative analytical chemistry and physical chemistry are studied. The course is largely experimental with laboratory practice given in gravimetric analysis, and proving the laws of elementary physical chemistry. Considerable emphasis is placed upon chemical calculation. Prerequisite: Freshman Chemistry and Freshman Mathematics. Two lectures and six to ten hours laboratory periods per week. Five hours' credit.
- 205. A continuation of Chemistry 204. The analytical work will be volumetric analysis and experiments dealing with molar concentration, osmotic pressure, colloids, catalysis, theory of indicators and hydrogenion concentration. Prerequisites are same as in Chem. 204. Five hours' credit.
- 206. A continuation of Chem. 204 and 205. Volumetric analysis will be completed and the physico chemical principles relating to equilibrium and electrochemistry will be given. Considerable laboratory work will be given in latter. Prerequisites the same as Chem. 204 and 205. Five hours' credit.

Organic Chemistry

307. Lectures, three hours per week. Laboratory, four hours. For sophomores or juniors. Prerequisite: General Inorganic Chemistry, Qualitative Analysis, and preferably, Quantitative Analysis. This course consists

- of a study of the aliphatic series of the carbon compounds and their synthesis in the laboratory. Should be taken by all students intending to study medicine or agriculture. Five hours' credit.
- 308. Continuation of Chemistry 307. Study of Aromatic Hydrocarbons and derivatives. Five hours' credit.
- 309. Physiological Chemistry. A course following Chemistry 307 and 308 which are prerequisites. This course is designed to meet the needs primarily of premedical and home economics students. Five hours' credit, according to amount of laboratory work done.

Household Chemistry

210. This is a course designed especially to meet the needs of students in domestic science, and for those special students who are unable to take the general course in chemistry. Prerequisite: One unit of entrance science. Three hours' credit.

Agricultural Chemistry

412. QUANTITATIVE ANALYSIS. This course is arranged to meet the needs of students in agriculture. The work begins with the analysis of soils, fertilizers and agricultural products, and is extended to analysis of other substances. Prerequisite: Organic Chemistry and Qualitative Analysis. Five hours' credit.

Advanced Quantitative Analysis

413, 414, or 415. Lectures, conferences and laboratory work at hours to be arranged. Prerequisite: Chemistry 204, 205, and 206. Open only to seniors. This course will include special methods of quantitative analysis, proximate food analysis, fire assay, water and gas analysis, or electrolytic methods may be taken, according to the needs of the class. This course will be largely laboratory work with collateral reading. Five hours' credit.

Physical Chemistry

416. An advanced course in physical chemistry open only to seniors who have had college physics, calculus, and

three years of chemistry. Designed especially for those intending to do graduate work in chemistry or for teachers of chemistry. Three hours' credit.

- 217. HISTORY OF CHEMISTRY. Lectures only; three times a week. Three hours' credit.
- 319. ADVANCED QUALITATIVE. Five hours' credit.

Department of Commerce

Mr. FARNSWORTH

Mr. DELAY

MRS. BLYTHE

This department was established in response to the growing demand for training along vocational lines. The aim is to give that broad, scientific training necessary in preparing for a business career. It is believed that this background of business fundamentals will enable the student to select wisely his field of special interests.

Modern business demands much of the individual—a cultural as well as a practical education. Those majoring in this department will find that a college education can provide both

Business Administration

- 101. Commercial Law. This course is planned to give the student a usable knowledge of the fundamental principles of law applicable to business. A detailed study is made of the nature of business transactions, negotiable instruments, including the bill of exchange, the promissory note, and the check. Case problems will be studied. Five hours' credit.
- 102. Commercial Law. A continuation of 101. A detailed study is made of agency; the law of partnerships and corporations; bailments; guaranty and suretyship; insurance; mortgages; landlord and tenant; wills, estates, and trustees. Five hours' credit.
- 201. ELEMENTARY ACCOUNTING. An introduction to the study of accounting intended for the general student of business. It deals primarily with the fundamental principles of accounting applied to the sole proprietorship, but the partnership form of business is introduced.

- The practice set constitutes an important part of the student's laboratory work. Five hours' credit.
- 202. Theory and Practice of Accounting. A continuation of 201 which finishes partnerships with all reports and statements for closing the books. Special emphasis is placed on corporation stock and the accounts peculiar to the corporate form of business. The corporation practice set is completed. Five hours' credit.
- 203. Corporation Finance. A study is made of the financial structure and the problems of big business. Five hours' credit.
- 301. Industrial Organization and Combination. A study of the forms of business organization; the combination movement and its causes; the investment trust; and recent aspects of the public control of business. (Alternate with 401.) Five hours' credit.
- 302. Industrial Management. A study of the basic fundamentals underlying the solution of the problems of management and operation in all types of business enterprise and their application to the specific fields of industrial management—production, distribution, personnel, etc. (Alternate with 402.) Three hours' credit.
- 401. Retail Merchandising. A study of the organization and management of retail establishments; store location; store organization; buying; receiving; keeping stock; inventories; sales systems; store policies; expenses and profits, etc. Three hours' credit.
- 402. Salesmanship. A study of the laws of salesmanship and their psychological application. The student is given a selling problem and is required to present its solution before the class as a test of his understanding of the principles governing the several selling steps. Three hours' credit.

Economics and Economic Geography

105. Economic Resources and Industries. A study of the economic factors involved in the production, transportation, consumption, and the conservation of the leading commercial products of the world. Five hours' credit.

- 201. Principles of Economics. A study of the nature of Economic Science, a brief history of economic institutions, the industrial revolution, productive capacity, market and price value, demand, and supply. Three hours' credit.
- 202. Principles of Economics. A continuation of 201. This course stresses money and its purchasing power, money standards, credit, banking legislation in the United States, organization of production, the law of proportionality, renting and contract, population and the supply of labor, and labor and machinery. Prerequisite: Economics 201. Three hours' credit.
- 203. Principles of Economics. A continuation of 202. The principle of wages, capital, interest, forms of industrial ownership, corporations, large scale production, and monopoly are stressed in this course. Prerequisite: Economics 201. Three hours' credit.
- 304. Economic Geography of Asia. An economic interpretation of the problems of the continent. A special study will be made of China, Japan, India, and Mediterranean Asia. (Alternate with 401.) Three hours' credit.
- 305. Economic Geography of Europe. A study of the economic problems of the continent. Prerequisite: Economics 304, which furnishes the background for understanding the problems of the region. (Alternate with 403.) Three hours' credit.
- 306. Economic Geography of South America. An economic interpretation of the problems of South America. A special study of Argentina, Brazil, and Chile. (Alternate with 404.) Three hours' credit.
- 307. Economic Geography of the British Empire. Some aspects of the action and reaction between man and his geographical environment are first studied in connection with the Empire as a whole, then each unit is studied separately. Three hours' credit.
- 401. Money and Banking. The origin and evolution of money, monetary problems, the fundamentals of banking organizations, proposals for price stabilization, currency

- conditions in the leading countries, and the general principles of money, banking, and credit will be emphasized. Prerequisite: Economics 201-2-3. Five hours' credit.
- 402. Principles of Marketing. A survey of the marketing structure of industrial society, the fundamental functions performed in the marketing process; sales promotion; and problems of the manufacturer, wholesaler, and retailer. (Alternate with 307.) Five hours' credit.
- 403. Economic Statistics. The collection, presentation, analysis, and interpretation of economic data. Methods of tabulation, graphic representation, and the practical use of statistics will be stressed. Required of all majors as a part of the mathematics background. Three hours' credit.
- 404. Conservation of Natural Resources. The importance of our natural resources, the need of conservation and of regional and national planning will be emphasized. Three hours' credit.

Geography

- 100. Elements of Geography. An introduction to college geography. This is a basic course for teachers and students of engineering. The physical aspects will be emphasized in this course. Three hours' credit.
- 101. Principles of Human Geography. A continuation of 100. The course sets forth the principles of geography from the human standpoint. The world is studied as the home of man, the physical background being subordinate to life responses. Three hours' credit.
- 201. The Teaching of Geography. This course deals with the nature of modern geography. A special methods course for elementary teachers. Prerequisite: Three courses in geography and Ed. 201. Three hours' credit.
- 210. Geography of North America. An interpretative study of the natural regions of northern North America. Special studies will be made of land forms, soils, geologic structures, and climate of each region in re-

- lation to their influences on the life of man. Three hours' credit.
- 211. Geography of North America. A continuation of 210. An interpretative study of the southern regions of the continent. Three hours' credit.
- 212. HISTORICAL GEOGRAPHY OF THE UNITED STATES. A course dealing with the geographic conditions that have influenced our history. (Alternate with 211.) Three hours' credit.
- 301. Physiography. A study of the structural features of the earth's crust, the processes at work on the land surface, and the topographic forms produced by them. Five hours' credit.
- 302. CLIMATOLOGY. An interpretation of climate and climatic factors. (Alternate with 301.) Three hours' credit.
- 303. Geography of Tennessee. A study of the geographic influences in the history of the state. The geologic, physical, climatic, economic, and other vital factors affecting agriculture, industry, and the general economic development will be discussed. (Alternate with 400.) Three hours' credit.
- 400. Political Geography. A course interpreting the elements making for stability and permanency in the great nations. Three hours' credit.

Secretarial Science

- 150-151-152. Typewriting. The fundamental principles of touch typewriting are taught in the beginning courses. Accuracy, rhythm, and technique are emphasized. Every quarter. Daily. One hour credit each quarter.
- 250-251-252. Office Practice. In the advanced courses, speed in letter writing, tabulation, and arrangement of manuscripts are stressed. Students are also taught filing and the use of such machines as the mimeograph, adding machine, multigraph, and ditto duplicator. Every quarter. Daily. Two hours' credit each quarter.
- 260-261-262. Shorthand. In the beginners' courses the

fundamental principles of shorthand are taught. Every quarter. Daily. One hour credit each quarter.

360-361-362. Advanced Stenography. In this course adequate practice is given in dictation and transcription. Every quarter. Daily. Two hours' credit each quarter.

Department of Education and Psychology

Dr. Wells Mrs. Long

The State Department of Education in Tennessee recognizes work done at Union University on a par with the State Teachers' Colleges and the State University. The rules and regulations are uniform for each institution.

The courses in education and psychology are planned and organized to meet the following requirements: (1) General cultural courses; (2) a curriculum for elementary teachers differentiated for primary, upper grade, and rural teaching; (3) a curriculum for high school teachers; (4) courses to meet Tennessee certificate requirements and renewals.

Students who plan to teach should enroll in one of the curricula which are given on pages 50-51. These curricula are designed to provide a general cultural background together with the necessary professional and technical training for teaching in a specific field.

Teachers desiring to renew certificates should consult the registrar in regard to courses to be taken.

Education

- 104. Rural Education. A study is made of the rural school problem as a phase of the rural life problem. Topics included: the historical development of rural life, the sociological setting, the reorganization of rural education, and the redirection of instruction. Emphasis is given to adapting the curriculum to rural school needs. Three hours' credit.
- 106. ART IN THE ELEMENTARY SCHOOL. Objectives, appreciations, skills, and knowledges covering art education in the elementary school will be studied. Opportunity for students to experiment with art materials will be provided through simple construction such as

book making, block printing, weaving, clay work, lettering, posters and chart making. The student will be required to do additional laboratory work outside of the class period. Three hours' credit.

202. The Integrated Activity Curriculum. The purpose of this course is to give an acquaintance with the new school curriculum based upon child growth through educative activities. Much time will be devoted to unit teaching and each student will construct a complete unit in the subject of his choosing. Students will study practices, and examine and analyze records of progressive schools. Prerequisite: Education 212. Three hours' credit.

202c (102c). TEACHING READING.

Group I-Primary Grades.

Group II—Upper Elementary Grades.

It is the purpose of this course to give the student a comprehensive knowledge of the materials and methods that are employed in teaching reading. Problems in connection with the actual teaching of reading will be studied in detail. Recent experimental investigations will be examined. In Group I, much time will be devoted to the period of preparation and to the period of beginning reading. Prerequisites: Education 201, 210. Three hours' credit.

- 202d (102d). Social Studies in the Elementary School. Topics: The social studies as the core of the curriculum; objectives in the teaching of the social studies; problems encountered and the methods of teaching; units of work and courses of study examined; the collection and organization of materials and the use of current events. Prerequisites: Education 201, 210. Three hours' credit.
- 203 (103). Teaching in the Elementary School. The course will include a study of the function of the knowledge and skill subjects in the elementary curriculum, principles of curriculum making, curriculum investigations, and methods of teaching and diagnosis in these subjects. Prerequisites: Education 201, 210. Three hours' credit.

- 208. HISTORY OF EDUCATION. A survey is made of educational practice and progress considered as a phase of the development and spread of Western civilization. Emphasis is given to origins of American education, economic and political factors in education, and to present day educational theories in the light of their historical antecedents. Three hours' credit.
- 209. Public Education in the United States. Current problems in organization, administration, and instruction are studied in the light of their historical development. Social, political, and economic forces underlying the principal movements in American education receive consideration. Topics studied include: early American education, the establishment of a state system of schools, psychologizing instruction, and present day movements and reorganization. Three hours' credit.
- 318. Principles of Secondary Education. A study is made of the secondary school as an institution in a democratic society and of the reorganizations that are taking place in this field. Topics included are: the historical background, functions, curriculum aims and objectives, and methods of appraisal. Three hours' credit.
- 320 (220). School Administration. An introductory course in school administration designed to be of help to teachers, as well as principals and superintendents of schools. The major divisions of the course include: organization of a school system, organization of a school, personnel leadership, and educational administration. Actual problems in connection with the administration of schools are studied in detail. Three hours' credit.
- 402. Teaching in Secondary School. The aim of this course is to study approved methods of instruction in the secondary school. Teaching techniques appropriate to the different types of high school subjects are considered. A fundamental part of the course is a study of units of work and of the integrated program in secondary schools. Prerequisites: Education 201, 210. Three hours' credit.
- 403. OBSERVATION AND TEACHING IN THE ELEMENTARY SCHOOL. Students taking this course are required to do

five hours of observation and directed teaching each week, and an additional hour must be reserved for a weekly conference. Two hours are required in the laboratory situation for each hour of credit received. Application for taking the course (accompanied by the laboratory fee) must be made at least one quarter in advance. Prerequisites: Education 202, 203. Three to six hours' credit.

- 404. Observation and Directed Teaching in the Secondary School. Students taking this course are required to do five hours of observation and directed teaching each week, and an additional hour must be reserved for a weekly conference. Two hours are required in the laboratory situation for each hour of credit received. Application accompanied by the laboratory fee, must be made at least one quarter in advance of taking the course. Prerequisite: Education 402. Three to six hours' credit.
- 415. Tests and Measurements. This course deals with the principles underlying the construction of standardized and informal objective tests; test administration, summarizing and interpreting the results of testing, and diagnostic and remedial procedures. Practice is given in constructing, giving and scoring the new type tests. Prerequisites: Education 201, 210. Three hours' credit.

Psychology

- 201 (101). General Psychology. A foundation course in the science of behavior. The study will include: origin and development of behavior patterns, motivation, emotional behavior, sensory functions, perception, intelligent behavior, and adjustment. Education 201 is given concurrently with Education 210 and no credit will be allowed for 201 until 210 is taken. Simple experiments will constitute a basic part of the work. Three hours' credit.
- 210. EDUCATIONAL PSYCHOLOGY. Education 210 is given concurrently with Education 201 and no credit will be allowed until both are taken. An intensive study is made of motivation, emotion, adjustment, intelligence,

learning, perception and growth. Simple experiments will constitute a basic part of the course. Three hours' credit.

- 212. Child Psychology. An analysis of infant behavior; the motor and emotional development of children; motivation, thinking, work, and play in child life; the synthesis and integration of personality. Prerequisites: 201, 210. Three hours' credit.
- 319. Adolescent Psychology. The meaning and significance of adolescence; physical, mental, moral, and religious development; adolescent impulses, interests, social tendencies, and personality; the hygiene of adolescence; the guidance and control of adolescent behavior. Prerequisites: 201, 210. Three hours' credit.

Note: Other courses in methods of teaching are listed with the respective departments. They may be elected to apply towards the twenty-seven hours required for a professional certificate.

Department of English

Mrs. Hardin

MISS SKINNER

The instruction given in English has three objects in view: First, a command of correct and clear English, spoken and written; second, the power of accurate and intelligent reading and the development of the habit of reading good literature with appreciation and enjoyment; third, a knowledge of certain authors whose works illustrate the development, not only of the English language, but also of literature. Students notably deficient in spelling, reading, and English Grammar will be required to make this up before entering the Senior year.

Note: We do not offer during any one year all of the courses listed in this department.

Note: Eighteen hours of English are required of all students. In these eighteen hours must be included courses 100, 101, 102, 318 and six hours in survey courses.

100* (1). Freshman Composition. This course is conducted by means of lectures, quizzes, themes, and reports, in addition to the text books for daily assignments.

- Special emphasis will be given to the verb formations, sentence structure, rules of syntax, and the growth and development of the English language. Three hours' credit.
- 101 (2). Freshman Composition. A continuation of English 100. Daily short themes, or longer weekly themes will be assigned. The various types of composition will be discussed and theme-practice in each of the different types given. Three hours' credit.
- 102. Freshman Composition. Prerequisites: English 100 and 101. A course in which there will be a discussion of the elements of literary excellence; much writing, which is critically considered in the class room; and the critical analysis of typical specimens of established literature. Three hours' credit.
- 201. CHILDREN'S LITERATURE. Choice selections from all types of child literature by notable authors are studied in this course. Volumes of literature for children's libraries are examined. A handbook and anthology of children's literature are used as text books, supplemented by much library reading. Three hours' credit.
- 202 (204 and 205). A SURVEY OF AMERICAN POETRY. The poems, characteristics, and biographies of the chief American poets are studied, with the movements and tendencies in American life and literature as historical background. Three hours' credit.
- 203 (3). A Survey of American Prose Writers. This course deals with the life and literary productions of the chief American prose writers. The different aspects of American life reflected through the prose are studied. Three hours' credit.
- 206 (4c). English Poetry. A survey of British lyrics. A study of the life and literature of the English people from Chaucer to Kipling. The best in English lyrics and extensive reading in other poetic literature and in biography. Three hours' credit.
- 216 (16a). The Teaching of High School Literature. A study of high school classics and methods of presenting them. Each student is required to work out a

- four-year course of study and show the points he would stress in each piece of literature. Three hours' credit.
- 217 (16b). The Teaching of High School Composition. Methods of teaching composition, on grading themes, and on vocabulary building. Three hours' credit.
- 218 (16c). English Grammar and How to Teach It. The principles of grammar and methods most effective in teaching the subject. This course aims to inspire confidence from a positive knowledge of what correct usage is and to employ the proper usage in a pleasing variety of sentences. The place and importance of grammar in the high school course of study is emphasized. Three hours' credit.
- 219. Teaching English in the Elementary Grades. The aims, principles, methods, and materials of teaching literature, language, and composition in the elementary grades; how to stimulate children to correct self-expression; sentence structure; examination and criticism of textbooks. Three hours' credit.
- 305 (6). The Romantic Poets. The poems of Wordsworth, Coleridge, Byron, Scott, Shelley, and Keats are studied. The course is supplemented by collateral readings, and by a study of the development, and of the main characteristics of the Romantic movement. Three hours' credit.
- 306 (5). The Victorian Poets. In this course the poems of the chief English poets of the Victorian period are read. Most of the time is given to the study of the poems of Tennyson, Browning, Arnold, and Clough. Three hours' credit.
- 307 (7). Shakespeare. The comedies, ten plays, are studied. Three hours' credit.
- 308 (8). Shakespeare. The Tragedies, eight plays, are studied. Three hours' credit.
- 309 (9). Modern Poetry. The Poetry of the twentieth century writers of English and American verse. A study is made of the matter, themes, and present-day tendencies. Three hours' credit.

- 310 (10). A SURVEY OF THE ENGLISH AND AMERICAN ESSAY. A study of the style and themes of the essay is made, showing how it reflects the life, culture, and spirit of the age which it portrays. Three hours' credit.
- 315 (15). The Short Story. Development in the art of short-story writing. The best classic and contemporary short stories are read and criticised. Practice in the writing of short stories is required. Three hours' credit.
- 317. Debating. Fundamentals of argumentation and debate. Practice in making briefs and in debating. Three hours' credit.
- 318. Advanced Composition. This is a practical course in expository writing. Gathering material, outlining and systematic organization are required. The chief purpose is to give the fundamentals of thesis writing. Open to juniors and seniors. Three hours' credit.
- 413 (13). The Modern Drama. This course consists of the analysis and critical reading of such plays as are found in Dickinson's Chief Contemporary Dramatics. Three hours' credit.
- 414 (14a). Newspaper Writing and Editing. Emphasis is placed on the essentials of newspaper writing. In addition to the text books used, representative newspapers are used for study. Three hours' credit.
- 415 (14b). Special Feature Articles. The technique, interpretation, and writing of special features. A text book, newspapers, and magazines are used. Three hours' credit.

Department of Home Economics

Miss Susong

The courses in Home Economics have been planned to meet the needs of different classes of students: those who desire to complete the lower division for Smith-Hughes certificate, to major in Professional Home Making and certificate to teach in non-vocational schools, to train for dietitians, demonstrators, or business, and those who feel the need of some knowledge of Home Making as a part of a general education.

We do not offer during any one year all of the courses listed in this department.

Foods and Nutrition

- 100. ELEMENTARY FOOD PREPARATION. Practical lessons in preparation of common food materials, cake baking, frozen desserts, meats, and egg cookery, breads. Two hours' credit.
- 101. ELEMENTARY NUTRITION. The elementary principles of nutrition and relation of food selections to health. The construction of an adequate diet. Three hours' credit.
- 102. MEAL PLANNING AND TABLE SERVICE. Planning and serving of breakfasts, luncheons, dinners, tea, and art of acting as hostess for special occasions. Planned especially for non-Home Economics majors. Prerequisite: Home Ec. 100. Two hours' credit.
- 103. Food Craft for Men. Art of carving, duties of a host, food selection, special customs, men's dress for all occasions (selection color, materials, etc.), personality development and family relationships, opportunity for actual practice in acting as a host and presiding at the table with 102 Lab. No prerequisite. Two hours' credit.
- 215. Food Preparation and Cookery. The fundamental factors of cookery, including source, classification, and economic value. Prerequisite: Chemistry 103. Three hours' credit.
- 216. Meal Preparation and Cookery. Table service, meal planning, preparation and serving of breakfasts, luncheons, dinners, menus for special occasions. Study of china and silver. Prerequisite: Home Ec. 215. Three hours' credit.
- 219. Institutional Management. Problems of organization, administration, and equipment of various types of food units. Actual experience in planning, selecting, preparing, and serving of large quantity of food is provided. Prerequisite: Home Ec. 216. Three hours' credit.

- 315. NUTRITION. Chemical and Physical processes of digestion. Fate of metabolism of foodstuffs. Fundamental principles of food in nutrients. Planning dietaries. Prerequisite: Home Ec. 216, Biol. 210, Chem. 309. Three hours' credit.
- 408. Experimental Cookery. Dough and batters, emulsion fats, gelatine, and sugar cookery, vegetables and egg cookery. Prerequisite: Home Ec. 216. Three hours' credit.

Household Management

- 221. Home Nursing. Home care of the sick, first aid with opportunity for laboratory practice in first aid, bathing and shampooing, bed making, etc., making first aid kits. No prerequisite. Three hours' credit.
- 223. Child Development. The growth and development of the pre-school child. Principles and techniques for child guidance. Principles underlying the selection, care, and use of play material and equipment for young children. Food and its relation to growing children. Prerequisite: Education 212. Three hours' credit.
- 415. Home Management. Economics of the household from the standpoint of money, time, energy. Individual development. No prerequisite. Three hours' credit.
- 419. Household Equipment. Modern labor saving devices: factors determining cost and efficiency, selection and care. Use of gas and electricity. No prerequisite. Three hours' credit.

Textiles and Clothing

- 116. Consumer Education. (Formerly Clothing Selection.) A consumer's education course in clothing selection and buying. Application of fundamental principles of design. Study of the various textile fabrics. Economic problems involved in meeting individual or family needs. No prerequisite. Three hours' credit.
- 117. ELEMENTARY CLOTHING. Fundamental construction processes of simple garments: use and alteration of

- commercial patterns. Related problems and class projects in the selection of cotton and linen materials: a study of relation between costs and garments made, and similar ready-made ones; clothing budgets. Prerequisites: Home Ec. 115, 116. Three hours' credit.
- 118. Intermediate Clothing Construction. (Formerly Clothing Selection.) Continuation of 117. Fundamental principles applied to the selection of silk and synthetic fabrics and their construction. Introduction to flat pattern designing. Prerequisite: Home Ec. 117. Three hours' credit.
- 222. Applied Design for Children's Clothing. Application of the principles of design and construction to clothing for children; adapting the clothing to the needs of children. Prerequisite: Home Ec. 118. Three hours' credit.
- 321. Advanced Clothing. Application of principles of costume design to individual garments; development of techniques in the construction of silk and wool garments. Prerequisites: Home Ec. 117, 118. Three hours' credit.

Related Art

- 115. Art and Design. Fundamental principles of design and their application; color theory and its application. No prerequisite. Three hours' credit.
- 205. Applied Design. Poster making, block printing, simple design to be originated for use on cloth, for pottery and textiles, block printing. Prerequisite: Home Ec. 115. Three hours' credit.
- 318. Costume Design. Line, mass, and color applied to costumes for individual types, suitability of costumes to occasion; influence of garment construction on clothing design. Prerequisite: Home Ec. 115. Three hours' credit.
- 319. House Architecture. Historic and modern architectural styles; problems involved in building a present-day house, including cost, location, and details of construction. Prerequisite: Home Ec. 115. Three hours' Credit.

- 320. Interior Decoration. Selection, care, cost and arrangement of household furnishings. Prerequisite: Home Ec. 115, 319. Three hours' credit.
- 410. ART APPRECIATION. (Formerly 120.) A survey of sculpture, architecture, and painting from prehistoric, to modern times. No prerequisite. Three hours' credit.

Department of Languages

Mr. Pell Mrs. Rutledge Mrs. Rice

Recognizing that language is the medium of expression, the courses of this department are planned for two groups of students. First, suitable work is organized for those who are primarily interested in a cultural education, and who realize that only through the language of another people can one fully understand and appreciate their thought and life. Second, plans are made to meet the practical needs of those other students who may desire to enter the professions, do graduate work, or come into business contact with our foreign speaking neighbors.

French

- 101. Elementary French. Fundamentals of grammar and pronunciation, conversation and composition, easy reading. Four hours' credit.
- 102. Elementary French. A continuation of 101. Four hours' credit.
- Elementary French. A continuation of 102. Four hours' credit.
- 204. Intermediate French. Grammar review, conversation and composition, reading of suitable texts. Prerequisite 101, 102, and 103, or two years of high school French. Three hours' credit.
- 205. Intermediate French. A continuation of 204. Three hours' credit.
- Intermediate French. A continuation of 205. Three hours' credit.
- 307. Survey of French Literature. Lectures, readings, and reports. Three hours' credit.

- 308. Survey of French Literature. A continuation of 307. Three hours' credit.
- 309. Survey of French Literature. A continuation of 308. Three hours' credit.
- 310. Study of the Drama. The drama of the seventeenth century, with lectures, reading, and reports. Three hours' credit.
- 311. Study of the Drama. A continuation of 310. Study of the drama from the seventeenth through the early nineteenth century. Three hours' credit.
- 312. Study of the Drama. A continuation of 311. The drama of the nineteenth and twentieth centuries. Three hours' credit.

German

- 101. Elementary German. A study of pronunciation, basic vocabulary, common idioms, functional grammar, oral and written exercises, with special emphasis upon the development of the ability to read simple German. Four hours' credit.
- 102. ELEMENTARY GERMAN. A continuation of 101, covering the middle third of the elements of the language. Emphasis will be upon laboratory exercises and the reading of a number of short stories. Four hours' credit.
- 103. Elementary German. A continuation of 102. The emphasis will be upon the development of speed, accuracy, and enjoyment of reading the language. Four hours' credit.
- 204. Intermediate German. Especially designed for students who desire a reading knowledge of scientific or technical German. Includes a review of strong verbs and sentence arrangement; a study of the difficulties in scientific German, and an introduction to the reading of scientific German in the fields of chemistry, physics, and biology. Three hours' credit.
- 205. Intermediate German. A continuation of 204. Emphasis is placed upon the reading of texts dealing with the following subjects: chemistry, physics, and biology. Three hours' credit.

206. Intermediate German. A continuation of 205. Emphasis will be upon the development of speed, accuracy and enjoyment of reading articles of a scientific nature. Three hours' credit.

Latin

- 151. CICERO. Selections from Cicero's orations, with a syntax and grammar. Three hours' credit.
- 152. CICERO. A continuation of 151. Three hours' credit.
- 153. Virgil. Selections from Virgil's Aeneid, with special consideration of principles of grammar. Three hours' credit.
- OVID'S METAMORPHOSES. At least two books will be read, with interpretation and special reference work. Three hours' credit.
- 205. CICERO'S PHILOSOPHICAL WORKS. De Amicitia and De Senectute, with special consideration for the thought and grammar. Three hours' credit.
- 206. Tacitus' Agricola and Germania. Emphasis upon content and characteristics of the biographical and historical works of Tacitus. Three hours' credit.

These courses will be given in alternate years with 204, 205, and 206.

- 308. Horace's Odes. Careful study and interpretation of certain select odes. There will also be reference work on Horace and his times. Three hours' credit.
- 309. Terence's Phormio. A careful study and interpretation, with attention given to construction. Three hours' credit.
- 310. Teachers' Latin. A course on the teaching of Latin in high school. There will be a thorough review of the principles of grammar, and special emphasis will be placed on the methods teaching Latin. Three hours' credit.

Spanish

101. Elementary Spanish. Fundamentals of grammar and pronunciation, conversation and composition, easy reading. Four hours' credit.

- 102. ELEMENTARY SPANISH. A continuation of 101. Four hours' credit.
- 103. ELEMENTARY SPANISH. A continuation of 102. Four hours' credit.
- 204. Intermediate Spanish. Grammar review, conversation and composition, reading of suitable texts. Prerequisite: 101, 102, and 103, or two years in high school. Three hours' credit.
- 205. Intermediate Spanish. A continuation of 204. Three hours' credit.
- 206. Intermediate Spanish. A continuation of 205. Three hours' credit.
- 307. Survey of Spanish Literature. Lectures, readings, and reports. Three hours' credit.
- 308. Survey of Spanisii Literature. A continuation of 307. Three hours' credit.
- 309. Survey of Spanish Literature. A continuation of 308. Three hours' credit.
- 310. Study of the Drama. The drama of the seventeenth century. Lectures, readings, and reports. Three hours' credit.
- 311. Study of the Drama. A continuation of 310. The drama from the seventeenth through the early nineteenth century. Three hours' credit.
- 312. Study of the Drama. A continuation of 311. The drama of the nineteenth and twentieth centuries. Three hours' credit.

Department of Mathematics and Physics

Dr. Mallory Mr. Jean

Mrs. Mallory

In addition to meeting the requirements for the standard arts and science degrees, the work in this department has been planned so as to fulfill the requirements for teacher training and pre-engineering. In consultation with the head of the department the student should clearly define his aims so as to be guided in the selection of his courses.

Mathematics

- 100 (Z1, Z2). Solid Geometry. Available to students who have not had this course in high school. Not to be counted toward satisfying required work in mathematics. Three hours' credit.
- *101. College Algebra. First course in college algebra. Fundamental concepts, principles, and methods, linear and quadratic equations, inequalities, progressions, and logarithms. Required of freshmen. Three hours' credit.
- 102. PLANE TRIGONOMETRY. The trigonometric functions, solution of triangles, proof of trigonometric identities, and the solution of trigonometric equations. Required of freshmen who do not present trigonometry for entrance. Three hours' credit.
- 103. College Algebra. A continuation of 101. Mathematical induction, complex numbers, theory of equations, permutations and combinations, probability, and determinants. Three hours' credit.
 *General or Pandemic mathematics, 101-2-3.
- 101e (101a). Engineering Mathematics. Consisting of algebra, trigonometry, and engineering analytics for freshmen pre-engineering students. Five hours' credit.
- 102e (102b). A continuation of 102e. Five hours' credit. 103a (103c). A continuation of 103e. Five hours' credit.
- 204. Analytic Geometry. Rectangular and polar coordinates in a plane, rectangular and polar co-ordinates in space, equations and their loci, emphasis upon topics needed in preparation for the study of the calculus, and elementary curve fitting. Four hours' credit.
- 205. CALCULUS. Functions, limits, the notion of derivatives, a thorough drill in differentiation, application of the notion of derivatives including the study of maximum and minimum values of functions, tangents and normals to curve, algebraic equations. Four hours' credit.
- 206. Calculus. Integral calculus, including applications to geometry and physics, and the solution of numerous problems with use of tables of integrals. Four hours' credit.

- 207. CALCULUS. Continuation of 206. Four hours' credit.
- 209 (207). SPHERICAL TRIGONOMETRY. Application of trigonometric functions to spherical bodies including parallel and mid-latitude sailing, right spherical triangles, oblique spherical triangles; also, consideration of areas of spherical lunes and polygons. Three hours' credit.
- 210. Surveying. This course is largely practical field work, and will embrace problems belonging to land surveying and the foundation principles of road construction and railroad lines, such as leveling, profiling, curves, cross sections and mapping. The student will develop a practical familiarity with the transit, plane tables, and other surveying and engineering instruments. Three hours' credit.
- 308. Solid Analytical Geometry. Rectangular and polar co-ordinates in space, vectors, surfaces of revolution, degenerate and non-degenerate quadrics, symmetry, traces, and skew curves. Three hours' credit.
- 309a. Theory of Equations. Complex numbers, the solution of equations—quadratic, cubic, and quartic. Three hours' credit.
- 309b. Theory of Equations. Determinants, symmetric functions, and fundamental theorems of analysis. Three hours' credit.
- 312. DIFFERENTIAL EQUATIONS. A short course in differential equations including twenty-one types, ten under the first order and eleven under higher orders. Some attention also will be given to the application of differential equations to the solution of problems. Three hours' credit.
- 314. Mathematics as Applied to Statistics. Elementary treatment of the theory of least squares as applied to the normal curve, probability, measurements of central tendencies, i. e., arithmetic mean, standard deviations, the social and biological sciences. Mathematics 204-5-6 are prerequisite. Three hours' credit.

Methods Courses in Mathematics

213. Teaching of Mathematics. A course in the cor-

- relation of various branches and application to other sciences. It includes methods in arithmetic, algebra and geometry from a psychological viewpoint. Three hours' credit.
- 214. Teaching of Arithmetic. A course in subject matter and methods used in the elementary grades. Three hours' credit.
- 215. Teaching of Algebra. (Formerly part of 213.)
 Analysis of subject matter and methods used in the junior and senior high school. Three hours' credit.
- 216. Teaching of Geometry. Construction, properties of the triangle and of the circle, with an introduction to modern geometry. Planned for teachers of geometry, but recommended to all who wish to extend their knowledge of geometry beyond the elementary stage. Three hours' credit.

Physics

- 201. Mechanics, Properties of Matter. This course in general physics may be taken by those who have had no physics or only a brief course in high school physics. The lectures will be fully illustrative. Laboratory work. Four hours' credit.
- 202. Heat, Magnetism and Electricity. A general treatment. Also, meets requirements for pre-engineering and pre-medical students. Laboratory work required. Four hours' credit.
- 203. Sound and Light. A general treatment with special aim to meet pre-medical requirements. Laboratory work required. Four hours' credit.

Department of Religion

Dr. Matthews

Dr. Green

The work of this department has been planned for a twofold purpose. First, a rather complete course of study has been organized for those young men and women who are to enter definite types of religious service, whether as ministers, missionaries, or religious education leaders. Second, opportunity is given to those other young people who, though they are majoring in other departments and are preparing for other professions, wish to take certain courses for the deepening of their spiritual lives, and for the cultural value derived from such study.

Old Testament

- 101. The Pentateuch. Special attention will be given to the being, nature, and activities of God as revealed in His relation to the creation, redemption, and control of all things. Three hours' credit.
- 102. HISTORICAL BOOKS. Special attention will be given to the officials, nations, and prophets of this period. Two hours' credit.
- 103. HISTORICAL BOOKS. A continuation of 102. Two hours' credit.
- 201 (103). POETICAL BOOKS. Emphasis will be placed on the Bible as literature. The message, doctrine, and excellencies of the various passages will be pointed out. Three hours' credit.
- 202 (104). Major Prophets. These books will also be emphasized as literature, along with the interpretation of their messages. Three hours' credit.
- 203. Minor Prophets. The historical background will be considered, as well as the teachings of the prophets. Two hours credit.

New Testament

- 204 (205). The Synoptic Gospels. Special attention will be given to the life and person of Christ, to His works, teachings, and influence on others. Three hours' credit.
- 205. Acts of the Apostles. This course will involve a tracing of the history of the early churches and a spread of Christianity. A preparatory course to Paul's writings. Two hours' credit.
- 206. Pauline Epistles. A study of Paul's great doctrines and an interpretation of his various letters more or less in chronological order. Two hours' credit.

- PAULINE EPISTLES. A continuation of 206. Two hours' credit.
- 208. General Epistles. A study of James, Peter, Jude, and Hebrews. Three hours' credit.
- 209. Johannine Literature. A study of the life and times of the Apostle John, with an analysis and interpretation of the Gospel, Epistles, and Revelation. Three hours' credit.
- 211. Introduction to New Testament Greek. There will be constant drill on vocabulary, grammar, and syntax with an attempt to master the general principles. Four hours' credit.
- 212. Introduction to New Testament Greek. A continuation of 211. Four hours' credit.
- 213. Introduction to New Testament Greek. A continuation of 212. Some easy passages will be read from the New Testament. Four hours' credit.
- 311. New Testament Greek. The Gospel of Mark is studied, with special attention given to the principles of grammar and interpretation. Three hours' credit.
- 312. New Testament Greek. A continuation of 311 in which The Acts is studied. Three hours' credit.
- 313. New Testament Greek. A continuation of 312 with a study of two of the shorter Pauline Epistles. Three hours' credit.

Philosophy

- 204. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY. A general survey course of the more important thinkers and systems. Three hours' credit.
- 205. HISTORY OF MODERN PHILOSOPHY. A survey of the thinkers and systems of modern times. Three hours' credit.
- 308. Logic. An introductory course in the analysis of human thought in which a study is made of both inductive and deductive methods of reasoning, and of valid arguments and fallacies. Three hours' credit.

Religious Education

- 101. Introduction to the Study of the Bible. A study of the history of the manuscripts and translations of the Bible, with some attention given to the themes of the various books. Two hours' credit.
- 102 (105). A Study of Palestine. Survey of the customs, cities, and peoples of Bible times. Three hours' credit.
- 103 (106). OLD TESTAMENT HISTORY. This course proposes to furnish a historical background for the courses in Old Testament. Two hours' credit.
- 104 (107). OLD TESTAMENT HISTORY. A continuation of 103. Two hours' credit.
- 203 (103). BIBLE DOCTRINES. A study of the great doctrines of our faith. Two hours' credit.
- 204 (104). Bible Doctrines. A continuation of 203. Two hours' credit.
- 205. Comparative Religion. A study of the place of religion in the nature of man, with a comparison of the Christian and non-Christian religions and their particular effects on civilization. Three hours' credit.
- 306. Church History. A rapid survey of the growth and development of the Christian church. History 101, prerequisite. Three hours' credit.
- 307. LIFE AND WORK OF THE CHRISTIAN MINISTER. The lives and practices of a group of our leading ministers will serve as a basis for the problems and attitudes discussed in class. Three hours' credit.
- 308. The Christian Family. This course will deal with all the vital problems of family life, with special emphasis on those principles and attitudes that will make for a happy Christian home. Three hours' credit.

Department of Social Sciences

Mr. Rutledge

Mr. REED

Mrs. Rutledge

History, Political Science, and Sociology are inseparably connected. History is largely the record of the social and political changes and conditions of man. The chief problems before man today, as in all the past, are economic and social. These make up the leading political questions. Therefore, every citizen to vote, talk, or to act intelligently must know something of the great underlying principles of these subjects. This is the purpose of all the courses in this department.

History

- 101. A Survey of European Civilization, 395-1450. This survey is designed to meet the needs of freshmen. Stress is placed upon the disintegration of the Roman Empire, the establishment and development of the Christian church, the Byzantine Empire, the Carolignian Empire, the feudal system, the Investiture struggle, the Crusades, the rise of cities, and the decline of the Papacy. Three hours' credit.
- 102. Europe from 1450 to 1789. A study of the Renaissance, the Reformation, the Counter-Reformation, the Thirty Years' War, the Age of Louis XIV, the triumph of Parliamentary government in England, the emergence of Russia, overseas expansion, and the intellectual revolution. Three hours' credit.
- 103. Europe Since 1789. A study of the French Revolution, the Napoleonic Wars, the Vienna Congress, the Revolutions of 1848, the unification of Italy and Germany, the growth of liberalism in Russia, the new industrial era, and the World War. Three hours' credit.
- 208. History of Tennessee. A study of Tennessee during the period of statehood. Three hours' credit.
- 210a. The American Colonies 1492 to 1763. A close study of the European background and of the founding and the development of the English continental colonies. Their relations to each other and to the British Empire are stressed. Three hours' credit.

- 210b. The American Colonies 1763 to 1789. Immediate causes of the separation of the Colonies from the Mother Country, the struggle to maintain this separation, government under the Articles of Confederation, the origin and development of a desire for stronger government. The outcome and the framing of our present Constitution are intensively studied. Three hours' credit.
- 304. HISTORY OF ENGLAND TO 1558. A study of the origin and growth of the English people, the development of their institutional life, their economic life, Magna Charta, etc. Three hours' credit.
- 305. HISTORY OF ENGLAND, 1558 to 1763. Emphasis is placed upon the development of literature, the expansion of the British state during the period, the rise of Parliament and the development of the English Constitution. Three hours' credit.
- 306. Great Britain, 1760 to 1918. A study of English imperialism and the evolution of the British state as shaped by modern forces. Three hours' credit.
- 307. Early History of United States, 1789 to 1829. The launching of the new government, Hamiltonian policies, Jeffersonian System, the War of 1812, new Nationalism and Era of Good Feeling, and the beginning of the sectional struggle over slavery. Three hours' credit.
- 308. MIDDLE PERIOD OF UNITED STATES, 1829 TO 1865. The reign of Andrew Jackson, slavery and abolition, Compromise of 1850, secession and the Civil War. Three hours' credit.
- 309. HISTORY OF UNITED STATES, 1865 TO 1914. The Reconstruction Era, fight over civil service, political deadlock during the 80's, the rise of the Populist Party, struggle over free silver, the Spanish-American War. etc. Three hours' credit.
- 310. HISTORY OF UNITED STATES, 1914 TO THE PRESENT DAY. An advanced course stressing economic, social, political, and constitutional developments. Three hours' credit.
- 312. The Middle Ages. A study of the economic, re-

- ligious, intellectual, and artistic movements in Europe from the collapse of the Roman Empire to the fifteenth century. In each of these movements emphasis is placed upon the influence of the Christian religion. Three hours' credit.
- 313. The Renaissance and Reformation. A study of the invention of printing and the diffusion of knowledge; the rediscovery of classical civilization; the vogue of classicism and humanism; the rise of literature and art; the development of natural science and historical criticism; Martin Luther and the revolt from Rome; Zwingle, Calvin, Knox and others; the Counter-Reformation; the rise of the Jesuits and the Inquisition; the Thirty Years' War; papacy and empire. Three hours' credit.
- 314. The French Revolution. A study of the Old Regime, the influence of the Philosophers, the Estates General, the National Constituent Assembly, the attempts of France to establish a stable government during the 1790's, the Reign of Terror, Robespiere and other leaders, the rise of Napoleon Bonaparte, the foreign wars, the Empire and the reorganization of Europe, the Congress of Vienna. Three hours' credit.
- 412. The Old South. Stress is placed upon colonial politics; services rendered in the Revolution and in the formation of the Union; the social, industrial, and religious development; the sectional controversies prior to the Civil War. Three hours' credit.
- 413. The World War. The interrelation between European and world history, Russia and the Balkans, international disputes in Africa, the formation of the Triple Entente, the assassination of Sarajevo, the question of war guilt, trench warfare, the part the United States took, Allied victory, peace, reparations, League of Nations. Three hours' credit.

Political Science

201. The Foundations of Government in the United States. A study of the government in a twentieth century world, the beginnings of state and national governments, making the National Constitution, political

- parties, nominating and electing a President. Three hours' credit.
- 202. The National Government. A study of the President—as chief executive; the executive civil service; the structure of Congress; the President and Congress; the national judiciary; national revenues and expenditures; money, banking, and credit; foreign relations, etc. Three hours' credit.
- 203. STATE AND LOCAL GOVERNMENT. A study of the state constitutions; the state legislatures; the state executive; the state judiciary; the state finance; the county and its government; the city and its charter; the forms of city government; townships, villages, and special districts. Three hours' credit.

Sociology

- 131 (112). Social Problems. A practical introduction to some of the specific problems of sociology. It is logically the beginning course though 132 and 133 may be taken first. Three hours' credit.
- 132. Principles of Sociology. This is a survey of the entire field in an effort to master the determining principles and laws found in social relations. Three hours' credit.
- 133. Principles of Sociology. A continuation of 132. Three hours' credit.
- 241. Rural Sociology. An intensive course in the dominating elements of rural life problems. It is planned to meet the needs of rural teachers, pastors, county agents, and other rural community workers. Three hours' credit.
- 242 (411). Urban Sociology. Special attention is given to the structure, functions, and problems of the modern city. Three hours' credit.
- 243 (422). The Negro in American Life. Intensive study will be given to the most serious American problems in the field of race relations. Three hours' credit.

The Fine Arts

Mrs. Prince

Mrs. Taliaferro

Mrs. Loyd

The college administration recognizes that a complete curriculum includes courses in the fine arts. So ample provision has been made to meet the needs both of students in the college proper and of those special students who may desire to work chiefly in this field. The courses are offered under four divisions: Piano and Theory, Voice Culture, Public School Music and Speech and Drama.

PIANO AND THEORY

Mrs. Prince

The piano occupies a place of dignity and value, and should have treatment commensurate with its place as a factor in musical education. The foundation of piano technique is flexibility of the fingers, hands, and arms. The selection of exercises and pieces for study will be made with reference to their musical value, as well as to the needs of the pupil in developing and maintaining a lively interest in his work. The curriculum is chosen from standard composers.

Outline of Piano Study

By the end of the first year pupils should be playing music of the grade of Clementi's Sonatinas; second year, Czerny Kuhlau's and the easier Mozart Sonatas, and the easier Mendelssohn's Songs Without Words; third year, Cramer-Bulow Studies, Clementi's Gradus, Bach's two-part and three-part Inventions, Beethoven's easier Sonatas, Chopin's easier works, Kullak's Octave Studies.

For the completion of the full course, another year is required, including the Moscheles, Kessler, Henselt and Chopin Studies, as well as some of the Bach Fugues, Chopin's larger works, such as Op. 40, 29, and 31, and Beethoven's Sonatas, such as Op. 10, 13, 26, and 27.

History and Theory

THEORY OUTLINE. Acoustics, notation, musical terms and forms of composition; musical instruments; the orchestra.

HISTORY OUTLINE. The rise and development of modern music; early church music; the opera; oratorio; instrumental

music; the great composers; their works and characteristics; classic and romantic music and understanding of all technical terms, with correct pronunciation of foreign terms and proper names. The time required to complete this course is two years.

Keyboard Harmony

Keyboard harmony consists in study at the keyboard of the primary chords and their connections, as they are used in musical compositions. It leads to improvisations, and is the foundation of memorizing. This practical work is necessary for all piano students, though it may precede or follow the regular course in harmony.

In the regular course the work consists almost wholly of writing the chords and various harmonic progessions. Pupils rarely obtain more than a theoretical knowledge of the subject.

Memorizing

The prevalent custom of the pianist to play without the music, giving entire programs in this manner, makes it necessary that the ability to memorize be required. The mechanical process of memorizing by note—that is, playing the notes and repeating them—is decidedly unreliable. Satisfactory memorizing requires the understanding of several distinct agencies.

- 1. Familiarity with elementary materials of music—scales and chorus, measures and rhythm.
 - 2. The principles of harmonic progression.
 - 3. Analysis of musical design.
- 4. Conventional outlines of form which tend to reveal the order of tonality of different divisions and subdivisions in certain styles of music.

Note: The Teacher's Certificate will be given to those who complete the first two years, including one year of theory and harmony, and one year of musical history.

Recitals are required for the junior and senior years.

VOICE CULTURE MRS. TALIAFERRO

Cultivation of the voice in singing is now regarded as an

important branch of education. Like many natural powers, the voice is given to us in crude state, and we are obliged to develop it through means that art has revealed to us.

Students enter grades at the judgment of the director, and the course largely depends upon the individual needs of each. It has as its object a high degree of perfection in church, oratorio and concert singing, familiarity with the vocal schools and works of great masters, and those principles of vocal culture so necessary for successful teaching. A general outline of the course is given, but it will be adapted to the needs of the individual students.

The work will be graded on the same basis as in the literary departments.

Course of Study Grade 1

English, French or one other foreign language; Sight Singing; Ear Training; two voice lessons a week; one practice period daily.

Continuation of Voice Training, Vocal Technique, Art of Vocalization, Vocalizes Studies and Songs selected in reference to particular points in vocal development and enunciation.

Appearance on private matinee programs.

Grade 2

English, French or some other foreign language; Sight Singing, Harmony, Chorus. Two voice lessons per week, one practice period daily.

Voice Training, Advanced Vocalization; Songs, Classic and Modern English, and Oratorio. Singing in public recitals.

Grade 3

Philosophy, Advanced Sight Singing, Vocal Ensemble Music, Harmony, History of Music, Chorus.

Two lessons per week, one practice period daily.

Voice Production.—Art of Vocalization and Musical Embellishments, Italian, French and English Songs. Advanced study of Oratorio and Church Music, Folk Songs. Chorus work. Frequent appearance in public recitals.

Grade 4

Philosophy, two Voice lessons per week, one practice period. Special attention given to appreciation of music and the building of a repertoire.

Voice-Culture in Class

The importance of part-singing and the ensemble to the general musicianship of a music student cannot be overestimated. The class meets one hour twice a week, and the same regulations as to attendance, etc., in other college courses applies to this class in voice culture. All students are eligible to take this work.

101 a, b, c. Each, one hour's credit.

102 a, b, c. Each, one hour's credit. 103 a, b, c. Each, one hour's credit.

Public School Music Visiting Teacher

The aim of public school music is to make clear the purpose and the possibilities of public school music teaching, and to apply the principles of the student's musical training to the task

- 101. PRIMARY. This course includes teaching rote songs, rhythmic development through action songs and through rhythm band, ear training, and the use and care of the child's voice. Three hours' credit.
- 102. ELEMENTARY. Advanced rote songs, sight singing, music appreciation, ear training and recognition of phrase repetition, rudiments of music and chorus plan. Three hours' credit.

SPEECH AND DRAMA

Mrs. Loyd

This course of study purposes to give to the student constructive training that will be a valuable element in his education. It is designed for those who wish to be teachers, salesmen, ministers, etc., as well as for those who seek general cultural development.

The aim is to free the individual from the limitations of

timidity and self consciousness, and to teach him how to form and give expression to clear mental impressions through the artistic use of the voice and body. In the course of study not only are the foundations of good speech laid, such as breathing, tone placement, enunciation, and pronunciation, but the entire scale of the voice is brought into use and a wider range established.

Those desiring to pursue a course in speech and drama are urged to lay a broad foundation for the work. Much attention should be given to the study of English, psychology, and kindred subjects.

210. Voice and Diction. Development and use of the speaking voice, with special attention to everyday social and professional needs of the student; technique of good speech, such as correct phrasing, intonation, and stress patterns, a clear, pleasing, and well modulated voice, distinct and acceptable pronunciation. Four hours' credit.

Consideration is given to the elimination of such difficulties as throat fatigue, huskiness, nasality, extremes of pitch, indistinctness, monotony, mispronunciation. Four hours' credit.

- 310. Voice and Diction. A more advanced course for those who have had Speech 210. Four hours' credit.
- 212. Oral Interpretation of Literature. Oral reading as an educative exercise for the development of the individual. Study and practice in the analysis and presentation of various types of literature; the short story, the narrative poem, the lyric, the sonnet, and the one-act play. Consideration of the techniques of reading and of program material. Two hours' credit.
- 312. Oral Interpretation of Literature. A more advanced course for students who have had 212. Two hours' credit.
- 314. Educational Dramatics. Study and practice in the development of the individual for the presentation of plays. Analysis of interpretation of bodily agents and application to physical characterizations; study of normal voice and interpretation of line, leading into vocal and

dialectic characterizations. Presentation of pantomimes, short stories, and short scenes in class. Four hours' credit.

- 215. PLAY PRODUCTION. This course considers the organization of dramatics in schools, colleges, social clubs, and community houses. It will deal with the history and present status of play production; business organizations and contracts; play choice and casting; the theory and practice of rehearsal, directing and acting. Four hours' credit.
- 315. PLAY PRODUCTION. A more advanced course for those who have had 215. Four hours' credit.
- 213. Public Speaking. Techniques of composition and delivery of various types of speeches for formal and informal occasions. Analysis of speech situations in business, social and professional relations. Practice and criticism. Four hours' credit.

Tuition for speech and drama courses is five dollars per credit hour.

Degrees Awarded in 1938

Bachelor of Arts, May Class

Arthur Chester Abney	Pensacola, Florida
Anna Katherine Armstrong	Black Oak, Arkansas
Carl H. Barrett	Medina, Tennessee
James Basden	
Emma Jean Bell	Lexington, Tennessee
Annie İleen Bolton	Booneville, Mississippi
Nina Otte Briggs	Jackson, Tennessee
Albert F. Cason	Jackson, Tennessee
Joe Clapp, Jr	Fulton, Kentucky
McKnight Fite	Milton, Tennessee
Jewell Taylor Hart	Springfield, Tennessee
J. B. Hester	Tishomingo, Mississippi
Eldie Francis Hicks	Paducah, Kentucky
Minnie Irene Hicks	Dyersburg, Tennessee
Annie Louise Johnson	Jackson, Tennessee
Thomas Wilkins Jones, Jr Peter B. Kinsolving Minnie Bradford Leeper	Martin. Tennessee
Peter B. Kinsolving	Jackson, Tennessee
Minnie Bradford Leeper	Jackson, Tennessee
Clarence Eugene Luckey	Humboldt, Tennessee
O. C. Markham	Jackson, Tennessee
Robert L. Newmon, Jr	Paris, Tennessee
James David Rozzell	Gibson, Tennessee
Mrs. Audena Reeves Sadler	Booneville, Mississippi
Samuel Robert Sherman	Oxly, Missouri
Mary Rachel Simonton	Brighton, Tennessec
Zella Joy Sipe	Nashville, Tennessee
Marguerite Skinner	Nashville, Tennessee
Thelma Elaine Stigler	Martin, Tennessee
Earle Crosland Thompson	Booneville, Mississippi
Spencer Allen Truex	Jackson, Tennessee
Milo H. Whaley	Middleton, Tennessee
James Alfred Wood	Huntingdon, Tennessee
Bachelor of Science	, May Class

Ruby Aden	McKenzie, Tennessee
John Leon Alexander	Blytheville, Arkansas
Gwendolyn Boling	Pelahatchie, Mississippi
James Pascal Box	
Verna Mae Brown	

John Allen BurnetteRienzi, MississippiAlbert L. BurchTrenton, TennesseeShelton Auston CarterWynnburg, TennesseeFaye GibsonBethel Springs, TennesseeAnna Marie HollomonKenton, TennesseeRobert JelksTylertown, MississippiFlorence KentJackson, TennesseeWilbur P. OdleLexington, TennesseeJohn W. RobbinsCovington, TennesseeDavid SatterwhiteMemphis, TennesseeOsa E. SmithHenderson, TennesseeAline Lanier SwainJackson, TennesseeRoy R. ThompsonRipley, TennesseeAudrey YarbroughJackson, Tennessee	
Bachelor of Arts, August Class	
Henning Andrews	
Lawrence Green Jackson, Tennessee Rice A. Pierce, III Union City, Tennessee Eula Pope Hill Jackson, Tennessee Lyrl Elma Kennedy Martin, Tennessee Clarice Thomason Westport, Tennessee Enolia P. Voltermann Brownsville, Tennessee Jessie Waller Brownsville, Tennessee	
Fula Popa Hill Louissee Toursee	
Lys Fine Venuedy Martin Tomosses	
Clarica Thomason Westport Tomasses	
Englis P. Voltermann Progressille Tennessee	
Lossia Waller Province Tomossee	
Bachelor of Science, August Class	
Odis J. Armstrong	
J. B. BarkerCamden, Tennessee	
Thomas Chisholm	
Charles V. CooperBuena Vista, Tennessee	
Raymond Deming Bemis, Tennessee	
Leone HudsonMiddleton, Tennessee	
Flora Roberts	
Odell Rutherford	
Anne LompkinsBurdette, Arkansas	
Neville Triplett Picayune, Mississippi	
HONORARY DEGREES	
The state of the s	

Doctor of Divinity

Ira C. Cole	s, Tennessee
J. D. Grey New Orlean	ns, Louisiana
Mark Harris Memphi	s, Tennessee
Charles E. WaufordKnoxvili	e, Tennessee

REGISTER OF STUDENTS

SENIORS

Abernathy, Robert Jackson, Tennessee Allen, Eva Jewell Morris Chapel, Tennessee Andrews, Henning Houlka, Mississippi Armour, Boyd Moscow, Tennessee Armstrong, Odis Walnut, Mississippi Auston, W. T. Tiptonville, Tennessee
Barker, J. B
Campbell, John Stanton, Tennessee Chisholm, Thomas Heildberg, Mississippi Compton, Justin Lavinia, Tennessee Coop, Leander Jackson, Tennessee Cooper, Charles V Hollow Rock, Tennessee Copeland, Harry Barlow, Kentucky
Deming, RaymondHornsby, TennesseeDodds, Oscar, Jr.Jackson, TennesseeDouglas, Alma WayneMilan, TennesseeDuncan, RuthJackson, TennesseeDunn, WallaceHalls, Tennessee
Eaton, O. T
Fleming, Sarah
Glover, Jack

Hargett, Jane	Union City, TennesseeJackson, TennesseeBrownsville, TennesseeParis, TennesseeJackson, TennesseeJackson, TennesseeVernon, AlabamaMiddleton, Tennessee
Johns, Homer Johnsey, Harry Johnson, Karl Jumper, John	Jackson, Tennessee
Key, Eloise	Jackson, Tennessee Jackson, Tennessee
Lauderdale, Cecil	Booneville, Mississippi
McAdams, Pauline McNatt, Margaret McNess. Allen Maclin, Martha Maners, Nellie Matthews, Clive Mays, J. T. Meacham, Calvin Miles, J. T. Morgan, H. S. Mount, Helen Murphy, William	Atwood, TennesseeVernon, AlabamaBrownsville, TennesseeBath Springs, TennesseeLafe, ArkansasJackson, TennesseeMemphis, TennesseeMartin, TennesseeHenderson, TennesseeFriendship, TennesseeFort Valley, Georgia
Owen, Marshall	Newbern, Tennessee
Permenter, Lucille Pettigrew, Edward Pope, Thomas Pounds, W. S. Price, Orion Jane	Jackson, Tennessee Mercer, Tennessee Jackson, Tennessee

Ramsey, Mary Margaret Jackson, Tennessee Riley, James Jackson, Tennessee Rutherford, Odell Tupelo, Mississippi
Siler, Robert
Thomason, Clarice West Port, Tennessee Tickle, Margaret Dyersburg, Tennessee Tickle, Paul Dyersburg, Tennessee Tillman, Harold Jackson, Tennessee Townsend, Lynn Parsons, Tennessee Trantham, Alma Rienzi, Mississippi Triplett, Neville Picayune, Mississippi
Vaughn, Mrs. Nellie StricklandBelmont, Mississippi Voltermann, EnoliaBrownsville, Tennessee
Waller, Jessie Brownsville, Tennessee Wallick, Thelma Jackson, Tennessee Warford, Earl Kevil, Kentucky Warren, Mildred Halls, Tennessee Williams, Martha Henderson, Tennessee Wingo, Leland Bradford, Tennessee
Yarbro, Mary JaneLexington, Tennessee Young, CarolynBradford, Tennessee Young, Elizabeth LeeperJackson, Tennessee
JUNIORS
Agnew, W. C. Jackson, Tennessee Alexander, Bonnie Kenton, Tennessee Allmond, Dorothy Jackson, Tennessee Armour, Gola Hornsby, Tennessee Armstrong, Virginia Ann Jackson, Tennessee Avery, Lena Halls, Tennessee
Bain, EthelBrownsville, TennesseeBall, Martha JoLexington, TennesseeBallard, TommyJackson, TennesseeBaraga, StanleyChisholm, MinnesotaBarker, Montie LeeHumboldt, TennesseeBarton, Mrs. T. CBells, Tennessee

Bell, Pacaud Boone, Roe Bragg, Dudley Brasher, Earl Brasher, Mattie Brewer, Mrs. Mary Brigance, Fred Bryant, Stephen Burchard, Mildred	Medina,Centerville,Scotts Hill,Scotts Hill,Kenton,Henderson,Booneville,	Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee Mississippi
Carrington, Royal. Carroll, Marion. Claybrook, Virginia. Cobb, Clyde. Cobb, Rebecca. Cobb, Pennie White. Cole, Fred Cole, Prentiss Carlyle. Cravens, William Howard Crigler, Martha. Crowe, Elizabeth Curdts, Margaret Curry, Bradford	Newbern,Friendship,Dyersburg,Brownsville,Camden,Jackson,Rives,Bell Buckle,Hillsboro,Iackson	Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee
Davis, H. L. Davis, Mrs. Robert Davis, Woodrow DeBerry, Nora DeLoach, Mrs. Eugene Denney, Mrs. Claude Dennison, Frances Duckworth, William Duke, Ola Dunagan, Edward	Pinson, Booneville, Medina, Jackson, Milan, Lexington, Jackson,	Tennessee Mississippi Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee
Elrod, Janice Evans, Teddy		
Farrow, Jo	Milan.	Tennessee

Foley, Annice	
Galbraith, Joe M. Henderson, Tennessee Garrett, Pete	
Hall, JoeJackson, TennesseeHamilton, Helen LorraineJackson, TennesseeHargrove, GalenJackson, TennesseeHarwell, Donna BellSaulsbury, TennesseeHenson, RebeccaKevil, KentuckyHill, TienceMiddleton, TennesseeHolder, OlgaBradford, TennesseeHolland, LoreneSardis, TennesseeHolmes, MaurineOakfield, TennesseeHowell, Mary ElizabethEnville, TennesseeHughes, BlanchMilledgeville, TennesseeHundley, ThelmaJackson, TennesseeHutton, VoydSardis, Tennessee	
Irvine, Catherine	
Jackson, Mrs. E. T.Bells, TennesseeJacobs, WoodrowSaulsbury, TennesseeJames, JackHumboldt, TennesseeJennings, Thelma RuthLavinia, TennesseeJernigan, MargaretJackson, TennesseeJohnson, Bessie RuthMilledgeville, TennesseeJohnson, Loyce FayeMilledgeville, TennesseeJohnson, R. CCrump, Tennessee	

Johnson, Wilma	Jackson, TennesseeJackson, Tennessee
Keathley, Franklin Kemp, Nellie Kerley, Ralph	
Lamb, Edna Lambert, Knox Lane, Charley Livingston, Minnie Lea, Mary Leath, Howard Lipford, Eulin	Jackson, Tennessee Trenton, Tennessee Brownsville, Tennessee Brownsville, Tennessee
McCorkle, Robbie McDonald, Rush. McFarland, Charles McKnight, Margaret McRee, Lucille Mann, Elizabeth Matthews, Sadie Mays, Ruth Mays, Viola Mebane, Mrs. Ina C Midyett, Earl Miller, Ina Jane Mills, Mrs. Georgia Cornelius Moore, Mrs. Byrd Morgan, Raymond Mulherin, Nyta Murchison, Della	
Newman, Wray Norvill, Maie	
Old, Ruby Mae	Union City, Tennessee Chisholm, Minnesota
Parish, Willie	Troy, Tennessee

Pedigo, Catherine Jackson Permenter, Faye Bell Phelps, Charles Greenbrie Plunk, Minnie Henderson Powell, Helen Bell Powers, Gertrude Scotts Hil	s, Tennessee r, Tennessee n, Tennessee s, Tennessee
Raines, Frank. Bell: Rainey, Mrs. Jasper Henderson Ramsey, Patsy. Jackson Raper, D. R. Mantachie, Ratliff, Neal. Henderson Ray, Elsie Jackson Reeves, Minnie Bee Gadsder Revelle, Musette Alama Reynolds, Julia Jackson Reynolds, Marylee Jackson Rogers, Hazel Middleton Rose, Mary Dee Jackson Rush, J. L. Silerton Ryan, R. C. Martin	n, Tennessee 1, Tennessee
Sanders, Annie. Beech Bluf Sanders, Edith Holloday Sanderson, Leonard Jackson Sharp, Lila Kate. Jackson Shearin, Rosa Lee. Boliva: Shoaf, Harold Jackson Siler, Rush Silerton Smith, Grace Booneville, Smith, Mary Nelle Henderson Snodgrass, Homer Henderson Sparks, James Brownie Rienzi Spellings, Lera Milar Sublette, Ruth Ashland City	y, Tennessee h, Tennessee
Terry, Mary Madeline Henderson Thompson, Wheeler L. Hopkinsvill Thornhill, Harry Decate Tipton, Dick Blythevil Turner, Annie Laurie Hickma	le, Kentucky ur, Alabama le, Arkansas n, Kentucky
Vandiver, NelsonBaldwyn	, Mississippi

Wallace, Mildred Huron, Tennessee Ward, Willard Sugar Tree, Tennessee Watkins, Marie Alamo, Tennessee Watkins, Nell Humboldt, Tennessee Weir, Martha Lou Bemis, Tennessee Wells, Buell T Princeton, Kentucky Whitaker, Eunice Bells, Tennessee White, Ruby Rutherford, Tennessee Williams, Evelyn Jackson, Tennessee Williams, Frances Bells, Tennessee Williams, Helen Hester Booneville, Mississippi Williams, Miles Gentry Alamo, Tennessee Williams, Mrs. O. R Malesus, Tennessee
Williams, Mrs. O. R
Young, Fred JBenis, Tennessee

SOPHOMORES

Abney, Truett	Pensacola, Florida
Anglin, Geneva	Jackson, Tennessee
Appleton, Evelyn	Trenton, Tennessee
Armstrong, Cassie Mae	
Arnold, Margaret	
Atkisson, Ruby	Atwood, Tennessee
Austin, Laverne	Newbern, Tennessee
Ayers, J. D	Toone, Tennessee
<i>y</i> , <i>y</i>	•
Bailey, Madeline	Trimble, Tennessee
Bain, Willie	Pinson, Tennessee
Baird, Mrs. Martha	Brownsville, Tennessee
Baird, Opal	Bradford, Tennessee
Baker, Norman	Sugar Tree, Tennessee
Baldridge, Leslie	Trimble, Tennessee
Barker, Georgia Kate	Guntown, Mississippi
Bates, Alonzo	Centerville, Tennessee
Belew, Curtis	Huntingdon, Tennessee
Bell, W. D	Beech Bluff, Tennessee
Besharse, Homer	Blytheville, Arkansas
Bickers, Jessie Lee	Tiptonville, Tennessee
Black, Mrs. Orion	
Blackwood, Mayo	
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Bland, Emery Jackson, Tennessee Bolton, Lula Mae Booneville, Mississippi Boston, Ben Jackson, Tennessee Bourne, Mildred Stanton, Tennessee Brewer, Cecil Big Sandy, Tennessee Briggs, Zona Jackson, Tennessee Brinkley, Mrs. Ollie West Port, Tennessee Brown, Aubrey Porterville, Mississippi Brumbelow, Inez Hornsby, Tennessee Buck, Olivia Jackson, Tennessee Byrd, Clyde Halls, Tennessee
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Dyer, Leslie Brownsville,	Tennessee
Edwards, Milton	Tennessee Tennessee Tennessee Tennessee
Ferguson, Everett Raleigh, Fleming, Boyd Covington, Foote, Henry Mercer, Foote, Thomas Mercer, Fortner, Eunice Covington,	Tennessee
Gandy, Ruby	Tennessee Tennessee Tennessee Tennessee Kentucky Mississippi Tennessee
Halliburton, EstelleDyer,Hanna, Etha WReagan,Hargis, NanaMilan,Harris, EvelynJackson,Harrison, R. NeaterHumboldt,Henderson, Ida NellJackson,Herrington, IreneMemphis,Herrington, VirginiaCamden,Hess, JuanitaBells,	Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee
Hester, Granville Vina, Hill, Edith Lafe, Holt, Elcie Brownsville, Hollandsworth, Wylie Milan, Hollomon, Mrs. P. F. Trimble, Holmes, William Edgar Humboldt,	Arkansas
Holt, Ernest	Tennessee Tennessee Tennessee Aississippi
Hudson, Mrs. Robert	Tennessee Tennessee

Hughes, Mrs. Hardy	Ripley, TennesseeRipley, Tennessee
Ivy, Billy	Hickory, Kentucky
Jacobs, Dorothy	Mercer, TennesseePocahontas, TennesseeRienzi, Mississippi
Kelly, Lorraine	Monoville, Tennessee
Ladd, Otera. Lambert, Katherine McClure. Law, Jeff. Lawler, Guy Leftwich, Billie. Lewis, Buyde. Lipscomb, James. Long, Harry. Long, Margurite. Luckey, Catherine. Luckey, Hugh Luckey, Louise	Jackson, TennesseeTrenton, TennesseeHeckleburg, Alabama .Buffalo Valley, TennesseeBooneville, MississippiHuron, TennesseeBeacon, Tennessee .Bethel Springs, Tennessee
McDaniel, Joe McLean, Jane McPeake, Mrs. W. T. Marbury, Mrs. D. L. Marshall, Mrs. Fred. Mason, Erma Mathis, Marjorie Mauldin, Emily May, Sherley Medlin, James Medling, Pauline Merrick, Broox Merryman, Ida Lee Miller, Leola Millican, Charles	Alamo, TennesseeOakfield, TennesseeBells, TennesseeTupelo, MississippiHumboldt, TennesseeJackson, TennesseeBaldwyn, MississippiBeech Bluff, TennesseeSardis, TennesseeJackson, TennesseeJackson, TennesseeVest Port, TennesseeUnion City, Tennessee

Mills, George B.Bemis, TennesseeMoody, Cooper.Scotts Hill, TennesseeMoore, Ruby.Dresden, TennesseeMoore, Thomas.Greenfield, TennesseeMorris, Tandy.Jackson, TennesseeMurphy, Leon.Cedar Grove, TennesseeMyers, John R.Jackson, Tennessee
Neely, Willene
Oakley, Faye. Lexington, Tennessee Odom, Aaron. Lenox, Tennessee Outlaw, Mrs. D. H. Luray, Tennessee Owen, Mildred. Covington, Tennessee Ozier, Lucy Frances. Pinson, Tennessee Ozment, Billie Champion Newbern, Tennessee
Parrish, Roger. Jackson, Tennessee Parsons, Joe Mac. Scotts Hill, Tennessee Patterson, Mary Olive Hill, Tennessee Patton, Chester Hillis Bronxville, New York Peeler, Evonna Stanton, Tennessee Peery, James Halls, Tennessee Pendergrass, Mrs. Flora Kellar Atwood, Tennessee Pennington, Nora Corinth, Mississippi Pepper, Maudie Troy, Tennessee Peterson, Mrs. Mayrene Wildersville, Tennessee Pierce, Jealoux Lexington, Tennessee Pierce, Tommy Union City, Tennessee Powell, Mrs. Ellis Bells, Tennessee Powell, William Anthony Portageville, Missouri
Ramer, Carolyn. Reece, Jerrel. Carthage, Tennessee Rhodes, Josie Lee. Lexington, Tennessee Richards, Oneita Richardson, Mamie Claire Ricks, Marjorie. Robins, Kathleen. Robinson, Louise. Rush, Mrs. M. Birchett Rush, Sureen. Bethel Springs, Tennessee Lexington, Tennessee Lexington, Tennessee Rolls, Tennessee Robinson, Louise. Dyer, Tennessee Rush, Mrs. M. Birchett Wildersville, Tennessee Rust, Sureen. Bells, Tennessee

Sanders, Mrs. I. W. Scarborough, Imogene Scates, Mable. Schulz, Helen Smith, Dora. Smith, Mary Kate. Smith, Mary Lou. Smith, Necie Smith, Nora. Smith, Mrs. Ola Inman Smothers, D. D. Sparks, Brownie Spence, Sallie Spencer, Edward. Stanphill, Tommie Mae	Decaturville, Tennessee Decaturville, Tennessee Decaturville, Tennessee Corinth, Mississippi Humboldt, Tennessee Lexington, Tennessee Parsons, Tennessee Bartlett, Tennessee
Stanphill, Tommie Mae Stevens, Juanita Stockard, J. R	Saulsbury, Tennessee
Tate, Mrs. O. J. Thetford, Cecil. Thomas, Frances. Thomas, Joseph. Thompson, Kenneth. Thompson, T. J. Tilson, Mrs. J. D. Tomlin, Rachel. Triplett, Maxine. Turner, J. B. Tyree, Elizabeth. Utley, Jane.	Jackson, Tennessee Bradford, Tennessee Ridgely, Tennessee Stanton, Tennessee Gallatin, Tennessee Fayette, Alabama Lexington, Tennessee Bolivar, Tennessee Milan, Tennessee Covington, Tennessee Trenton, Tennessee
Vanden, Nancy	Jackson, Tennessee
Walker, Bertie. Walker, Monette Warmath, Frances Warren, Mrs. Verna Webb, Allie. Wesson, Mary Sue. White, Florence White, Jerald. White, Kate	Idlewild, TennesseeJackson, TennesseeNewbern, TennesseeHamburg, TennesseeRipley, TennesseeJackson, TennesseeFriendship, Tennessee

Tackson, Tennessee

Widick, Hugh Wiley, Linnie K. Williams, Anna Wista Williams, Eldrane Williams, Elsie Williams, Leo Williams, Leo Williams, Robert Wilson, Will Nathan Wingo, Monda Wood, Anna Wood, Spurgeon Wray, Cletus Wright, Clinton Wright, Emma Lou	Bells, Tennessee Bells, Tennessee Bells, Tennessee Bells, Tennessee Lexington, Tennessee Trenton, Tennessee Walnut Ridge, Arkansas Louisville, Kentucky Bradford, Tennessee Crockett Mills, Tennessee Corinth, Mississippi Tiptonville, Tennessee Nashville, Tennessee Stanton, Tennessee
Wright, Mable	Parsons, TennesseeTiptonville, Tennessee
	· ·

FRESHMEN

Arwood Mary Nelle

Atkins, Edwina	Jackson, Tennessee
Bailey, William Baker, Harley Barnett, Margaret Black, Mary Louise Bowman, Mrs. M. C. Bozanich, Alec Brill, Joe Brooks, Eva. Brooks, Hugh Brotbeck, John.	Dyer, TennesseeHodges, AlabamaJackson, TennesseeJackson, TennesseeBeech Bluff, TennesseeChisholm, MinnesotaDixon, KentuckyDresden, TennesseeJackson, Tennessee
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Ivy, Billy
Jacobs, Lee HammonsMiddleton, Tennessee

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